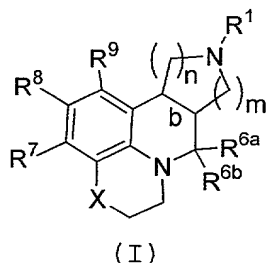


author	year	country	area	sample size	number of cases	number of controls	OR (95% CI)
Wong et al.	1997	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	1998	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	1999	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2000	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2001	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2002	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2003	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2004	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2005	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2006	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2007	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2008	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2009	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2010	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2011	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2012	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2013	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2014	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2015	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2016	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2017	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2018	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2019	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)
Wong et al.	2020	China	Shanghai	1,000	100	900	1.0 (0.5-1.8)

What is claimed is:

- 5 1. A compound of the formula (I):



or a stereoisomer or a pharmaceutically acceptable salt form thereof, wherein:

b is a single bond wherein the bridging hydrogens are either cis or trans;

15 X is a bond, $-\text{CH}_2-$, $-\text{O}-$, $-\text{S}-$, $-\text{S}(=\text{O})-$, $-\text{S}(=\text{O})_2-$, $-\text{NR}^{10}-$,
 $-\text{CH}_2\text{CH}_2-$, $-\text{OCH}_2-$, $-\text{SCH}_2-$, $-\text{S}(=\text{O})\text{CH}_2-$, $-\text{S}(=\text{O})_2\text{CH}_2-$,
 $-\text{CH}_2\text{O}-$, $-\text{CH}_2\text{S}-$, $-\text{CH}_2\text{S}(=\text{O})-$, $-\text{CH}_2\text{S}(=\text{O})_2-$, $-\text{NR}^{10}\text{CH}_2-$,
 $-\text{CH}_2\text{NR}^{10}-$, $-\text{NHC}(=\text{O})-$, or $-\text{C}(=\text{O})\text{NH}-$;

20 R^1 is selected from

H,

$$\text{C}(=\text{O})\text{R}^2,$$
$$\text{C}(=\text{O})\text{OR}^2,$$

C₁₋₈ alkyl,

25 C₂₋₈ alkenyl,

C₂₋₈ alkynyl,

C₃₋₇ cycloalkyl,

C₁₋₆ alkyl substituted with Z.

C₂₋₆ alkenyl substituted with Z,

30 C₂₋₆ alkynyl substituted with Z,

C₃₋₆ cycloalkyl substituted with Z,

aryl substituted with Z,

5-6 membered heterocyclic ring system containing at least one heteroatom selected from the group

consisting of N, O, and S, said heterocyclic ring
 system substituted with Z;
 C₁₋₃ alkyl substituted with Y,
 C₂₋₃ alkenyl substituted with Y,
 5 C₂₋₃ alkynyl substituted with Y,
 C₁₋₆ alkyl substituted with 0-2 R²,
 C₂₋₆ alkenyl substituted with 0-2 R²,
 C₂₋₆ alkynyl substituted with 0-2 R²,
 aryl substituted with 0-2 R², and
 10 5-6 membered heterocyclic ring system containing at
 least one heteroatom selected from the group
 consisting of N, O, and S, said heterocyclic ring
 system substituted with 0-2 R²;
 15 Y is selected from
 C₃₋₆ cycloalkyl substituted with Z,
 aryl substituted with Z,
 5-6 membered heterocyclic ring system containing at
 least one heteroatom selected from the group
 20 consisting of N, O, and S, said heterocyclic ring
 system substituted with Z;
 C₃₋₆ cycloalkyl substituted with -(C₁₋₃ alkyl)-Z,
 aryl substituted with -(C₁₋₃ alkyl)-Z, and
 5-6 membered heterocyclic ring system containing at
 25 least one heteroatom selected from the group
 consisting of N, O, and S, said heterocyclic ring
 system substituted with -(C₁₋₃ alkyl)-Z;
 Z is selected from H,
 30 -CH(OH)R²,
 -C(ethylenedioxy)R²,
 -OR²,
 -SR²,
 -NR²R³,
 35 -C(O)R²,
 -C(O)NR²R³,
 -NR³C(O)R²,

$-C(O)OR^2$,
 $-OC(O)R^2$,
 $-CH(=NR^4)NR^2R^3$,
 $-NHC(=NR^4)NR^2R^3$,
5 $-S(O)R^2$,
 $-S(O)_2R^2$,
 $-S(O)_2NR^2R^3$, and $-NR^3S(O)_2R^2$;

R^2 , at each occurrence, is independently selected from

10 halo,
 C_{1-3} haloalkyl,
 C_{1-4} alkyl,
 C_{2-4} alkenyl,
 C_{2-4} alkynyl,
15 C_{3-6} cycloalkyl,
aryl substituted with 0-5 R^{42} ;
 C_{3-10} carbocyclic residue substituted with 0-3 R^{41} , and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
20 consisting of N, O, and S substituted with 0-3
 R^{41} ;

R^3 , at each occurrence, is independently selected from

H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, and
25 C_{1-4} alkoxy;

alternatively, R^2 and R^3 join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R^4)-;

30 R^4 , at each occurrence, is independently selected from H
and C_{1-4} alkyl;

R^{6a} is H or C_{1-4} alkyl;

35 R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O or =S;

R⁷ and R⁹, at each occurrence, are independently selected

from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂, -NR⁴⁶R⁴⁷,

C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,

C₁₋₈ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3 R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,

NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,

CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,

S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,

NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and

NR¹²C(O)NHR¹⁵;

R⁸ is selected from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂,

C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,

C₁₋₈ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₂₋₄ alkenyl substituted with 0-2 R¹¹,

C₂₋₄ alkynyl substituted with 0-1 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3
R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,
S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,
NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and
NR¹²C(O)NHR¹⁵;

R¹⁰ is selected from H,

C₁₋₄ alkyl substituted with 0-2 R^{10A},
C₂₋₄ alkenyl substituted with 0-2 R^{10A},
C₂₋₄ alkynyl substituted with 0-1 R^{10A}, and
C₁₋₄ alkoxy;

R^{10A} is selected from

C₁₋₄ alkoxy,
C₃₋₆ carbocyclic residue substituted with 0-3 R³³,
phenyl substituted with 0-3 R³³, and
5-6 membered heterocyclic ring system containing 1, 2,
or 3 heteroatoms selected from the group
consisting of N, O, and S; substituted with 0-2
R⁴⁴;

R¹¹ is selected from

H, halo, -CF₃, -CN, -NO₂,
C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,
C₁₋₈ alkoxy, C₃₋₁₀ cycloalkyl,
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
aryl substituted with 0-5 R³³,
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
 NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,
 S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,
 5 NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and
 NR¹²C(O)NHR¹⁵;

R¹², at each occurrence, is independently selected from
 C₁₋₄ alkyl substituted with 0-1 R^{12a},
 10 C₂₋₄ alkenyl substituted with 0-1 R^{12a},
 C₂₋₄ alkynyl substituted with 0-1 R^{12a},
 C₃₋₆ cycloalkyl substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
 15 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R³¹;

R^{12a}, at each occurrence, is independently selected from
 phenyl substituted with 0-5 R³³,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 25 consisting of N, O, and S substituted with 0-3
 R³¹;

R¹³, at each occurrence, is independently selected from
 H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

alternatively, R¹² and R¹³ join to form a 5- or 6-membered
 ring optionally substituted with -O- or -N(R¹⁴)-;

alternatively, R¹² and R¹³ when attached to N may be
 35 combined to form a 9- or 10-membered bicyclic
 heterocyclic ring system containing from 1-3
 heteroatoms selected from the group consisting of N,

O, and S, wherein said bicyclic heterocyclic ring system is unsaturated or partially saturated, wherein said bicyclic heterocyclic ring system is substituted with 0-3 R¹⁶;

5

R¹⁴, at each occurrence, is independently selected from H and C₁₋₄ alkyl;

10

R¹⁵, at each occurrence, is independently selected from H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

15

R¹⁶, at each occurrence, is independently selected from H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl, C₁₋₃ haloalkyl-oxy-, C₁₋₃ alkyloxy-, and =O;

20

R³¹, at each occurrence, is independently selected from H, OH, halo, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, C₁₋₄ alkyl, and =O;

25

R³³, at each occurrence, is independently selected from H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H, =O, phenyl, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₆ cycloalkyl, C₁₋₄ haloalkyl, C₁₋₄ haloalkyl-oxy-, C₁₋₄ alkyloxy-, C₁₋₄ alkylthio-, C₁₋₄ alkyl-C(=O)-, C₁₋₄ alkyl-C(=O)NH-, C₁₋₄ alkyl-OC(=O)-, C₁₋₄ alkyl-C(=O)O-, C₃₋₆ cycloalkyl-oxy-, C₃₋₆ cycloalkylmethyl-oxy-, C₁₋₆ alkyl substituted with OH, methoxy, ethoxy, propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or (C₁₋₄ alkyl)CO₂-; and C₂₋₆ alkenyl substituted with OH, methoxy, ethoxy, propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or (C₁₋₄ alkyl)CO₂-;

30

35 R⁴¹, at each occurrence, is independently selected from H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN, =O; C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl

C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴², and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
5 consisting of N, O, and S substituted with 0-3
R⁴⁴;

R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, SO₂R⁴⁵, SR⁴⁵, NR⁴⁶SO₂R⁴⁵,
10 NR⁴⁶COR⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN, CH(=NH)NH₂,
NHC(=NH)NH₂,

C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
C₃₋₆ cycloalkyl,

C₁₋₄ alkyl substituted with 0-1 R⁴³,

15 aryl substituted with 0-3 R⁴⁴, and

5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
20 R⁴⁴;

R⁴³ is C₃₋₆ cycloalkyl or aryl substituted with 0-3 R⁴⁴;

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
25 NO₂, C₁₋₄ alkyl, and C₁₋₄ alkoxy;

R⁴⁵ is C₁₋₄ alkyl;

R⁴⁶, at each occurrence, is independently selected from H
and C₁₋₄ alkyl;
30

R⁴⁷, at each occurrence, is independently selected from H,
C₁₋₄ alkyl, -C(=O)NH(C₁₋₄ alkyl), -SO₂(C₁₋₄ alkyl),
-C(=O)O(C₁₋₄ alkyl), -C(=O)(C₁₋₄ alkyl), and -C(=O)H;
35

n is 1 or 2;

m is 1 or 2; and

n plus m is 2, 3, or 4;

provided when n is 1, m is 2, and R⁷, R⁸, and R⁹ are independently selected from H, halogen, C₁₋₄ alkyl, C₁₋₄ alkoxy, C₁₋₄ alkylthio or trifluoromethyl; then X is not a bond.

2. A compound of Claim 1 wherein:

10 X is a bond, -CH₂-, -O-, -S-, -S(=O)-, -S(=O)₂-, -NR¹⁰-, -CH₂CH₂-, -OCH₂-, -SCH₂-, -CH₂O-, -CH₂S-, -NR¹⁰CH₂-, or -CH₂NR¹⁰-;

R¹ is selected from

15 H,
C(=O)R²,
C(=O)OR²,
C₁₋₈ alkyl,
C₂₋₈ alkenyl,
20 C₂₋₈ alkynyl,
C₃₋₇ cycloalkyl,
C₁₋₆ alkyl substituted with 0-2 R²,
C₂₋₆ alkenyl substituted with 0-2 R²,
C₂₋₆ alkynyl substituted with 0-2 R²,
25 aryl substituted with 0-2 R², and
5-6 membered heterocyclic ring system containing at least one heteroatom selected from the group consisting of N, O, and S, said heterocyclic ring system substituted with 0-2 R²;

30 R², at each occurrence, is independently selected from

F, Cl, CH₂F, CHF₂, CF₃,
C₁₋₄ alkyl,
C₂₋₄ alkenyl,
35 C₂₋₄ alkynyl,
C₃₋₆ cycloalkyl,
phenyl substituted with 0-5 R⁴²;

C₃₋₁₀ carbocyclic residue substituted with 0-3 R⁴¹, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
5 R⁴¹;

R^{6a} is H or C₁₋₄ alkyl;

R^{6b} is H;

10 alternatively, R^{6a} and R^{6b} are taken together to form =O or
=S;

R⁷ and R⁹, at each occurrence, are independently selected

15 from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂, -NR⁴⁶R⁴⁷,

C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,

C₁₋₈ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

20 C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

25 consisting of N, O, and S substituted with 0-3

R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,

NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,

30 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,

S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,

NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and

NR¹²C(O)NHR¹⁵;

35 R⁸ is selected from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂,

C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,
 C₁₋₈ alkoxy, (C₁₋₄ haloalkyl)oxy,
 C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,
 C₁₋₄ alkyl substituted with 0-2 R¹¹,
 5 C₂₋₄ alkenyl substituted with 0-2 R¹¹,
 C₂₋₄ alkynyl substituted with 0-1 R¹¹,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³,
 5-10 membered heterocyclic ring system containing from
 10 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
 15 NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,
 S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,
 NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and
 NR¹²C(O)NHR¹⁵;

20 R¹⁰ is selected from H, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄
 alkynyl, and C₁₋₄ alkoxy;

R¹¹ is selected from

25 H, halo, -CF₃, -CN, -NO₂,
 C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,
 C₁₋₈ alkoxy, C₃₋₁₀ cycloalkyl,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³,
 30 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R³¹;

35 OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
 NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,

$S(O)NR^{12}R^{13}$, $S(O)_2NR^{12}R^{13}$, $NR^{14}S(O)R^{12}$, $NR^{14}S(O)_2R^{12}$,
 $NR^{12}C(O)R^{15}$, $NR^{12}C(O)OR^{15}$, $NR^{12}S(O)_2R^{15}$, and
 $NR^{12}C(O)NHR^{15}$;

5 R^{12} , at each occurrence, is independently selected from
 C_{1-4} alkyl substituted with 0-1 R^{12a} ,
 C_{2-4} alkenyl substituted with 0-1 R^{12a} ,
 C_{2-4} alkynyl substituted with 0-1 R^{12a} ,
 C_{3-6} cycloalkyl substituted with 0-3 R^{33} ,
10 aryl substituted with 0-5 R^{33} ,
 C_{3-10} carbocyclic residue substituted with 0-3 R^{33} , and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
15 R^{31} ;

R^{12a} , at each occurrence, is independently selected from
phenyl substituted with 0-5 R^{33} ,
 C_{3-10} carbocyclic residue substituted with 0-3 R^{33} , and
20 5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
 R^{31} ;

25 R^{13} , at each occurrence, is independently selected from
H, C_{1-4} alkyl, C_{2-4} alkenyl, and C_{2-4} alkynyl;

alternatively, R^{12} and R^{13} join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R^{14})-;

30 alternatively, R^{12} and R^{13} when attached to N may be
combined to form a 9- or 10-membered bicyclic
heterocyclic ring system containing from 1-3
heteroatoms selected from the group consisting of N,
35 O, and S, wherein said bicyclic heterocyclic ring
system is unsaturated or partially saturated, wherein

said bicyclic heterocyclic ring system is substituted with 0-3 R¹⁶;

5 R¹⁴, at each occurrence, is independently selected from H and C₁₋₄ alkyl;

R¹⁵, at each occurrence, is independently selected from H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

10 R¹⁶, at each occurrence, is independently selected from H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl, C₁₋₃ haloalkyl-oxy-, C₁₋₃ alkyloxy-, and =O;

15 R³¹, at each occurrence, is independently selected from H, OH, halo, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, C₁₋₄ alkyl, and =O;

20 R³³, at each occurrence, is independently selected from H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H, =O, phenyl, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₆ cycloalkyl, C₁₋₄ haloalkyl, C₁₋₄ haloalkyl-oxy-, C₁₋₄ alkyloxy-, C₁₋₄ alkylthio-, C₁₋₄ alkyl-C(=O)-, C₁₋₄ alkyl-C(=O)NH-, C₁₋₄ alkyl-OC(=O)-, C₁₋₄ alkyl-C(=O)O-, C₃₋₆ cycloalkyl-oxy-,
25 C₃₋₆ cycloalkylmethyl-oxy-;
C₁₋₆ alkyl substituted with OH, methoxy, ethoxy, propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or (C₁₋₄ alkyl)CO₂-; and
C₂₋₆ alkenyl substituted with OH, methoxy, ethoxy,
30 propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or (C₁₋₄ alkyl)CO₂-;

R⁴¹, at each occurrence, is independently selected from H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN;
35 C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl, C₁₋₄ alkyl substituted with 0-1 R⁴³, aryl substituted with 0-3 R⁴², and

5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R⁴⁴;

5

R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN,
CH(=NH)NH₂, NHC(=NH)NH₂,
C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
C₃₋₆ cycloalkyl,
C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴⁴, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R⁴⁴;

10

15

R⁴³ is C₃₋₆ cycloalkyl or aryl substituted with 0-3 R⁴⁴;

20

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
NO₂, C₁₋₄ alkyl, and C₁₋₄ alkoxy;

R⁴⁵ is C₁₋₄ alkyl;

25

R⁴⁶, at each occurrence, is independently selected from H
and C₁₋₄ alkyl;

30

R⁴⁷, at each occurrence, is independently selected from H
and C₁₋₄ alkyl;

n is 1 or 2;

m is 1 or 2; and

n plus m is 2, 3, or 4;

35

provided when n is 1, m is 2, and R⁷, R⁸, and R⁹ are
independently selected from H, halogen, C₁₋₄ alkyl, C₁₋₄

alkoxy, C₁₋₄ alkylthio or trifluoromethyl; then X is not a bond.

5 3. A compound of Claim 2 wherein:

X is a bond, -CH₂-, -O-, -S-, -CH₂CH₂-, -OCH₂-, -SCH₂-,
-CH₂O-, or -CH₂S-;

10 R¹ is selected from

H,

C(=O)R²,

C(=O)OR²,

C₁₋₆ alkyl,

15 C₂₋₆ alkenyl,

C₂₋₆ alkynyl,

C₃₋₆ cycloalkyl,

C₁₋₄ alkyl substituted with 0-2 R²,

C₂₋₄ alkenyl substituted with 0-2 R², and

20 C₂₋₄ alkynyl substituted with 0-2 R²;

R², at each occurrence, is independently selected from

C₁₋₄ alkyl,

C₂₋₄ alkenyl,

25 C₂₋₄ alkynyl,

C₃₋₆ cycloalkyl,

phenyl substituted with 0-5 R⁴²;

C₃₋₁₀ carbocyclic residue substituted with 0-3 R⁴¹, and

5-10 membered heterocyclic ring system containing from

30 1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3

R⁴¹;

R^{6a} is H or C₁₋₄ alkyl;

35

R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O or =S;

R⁷ and R⁹, at each occurrence, are independently selected

from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂, -NR⁴⁶R⁴⁷,

C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl,

C₁₋₆ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3

R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,

NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,

CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹²,

S(O)₂R¹², S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹²,

and NR¹⁴S(O)₂R¹²;

R⁸ is selected from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂,

C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₆ haloalkyl,

C₁₋₆ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₂₋₄ alkenyl substituted with 0-2 R¹¹,

C₂₋₄ alkynyl substituted with 0-1 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3

R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
 NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,
 5 S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,
 NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and
 NR¹²C(O)NHR¹⁵;

R¹¹ is selected from

10 H, halo, -CF₃, -CN, -NO₂, C₁₋₆ alkyl,
 C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ haloalkyl, C₁₋₆ alkoxy,
 C₃₋₁₀ cycloalkyl,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³,
 15 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R³¹;

20 OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
 NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹²,
 S(O)₂R¹², S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹²,
 and NR¹⁴S(O)₂R¹²;

25 R¹², at each occurrence, is independently selected from

C₁₋₄ alkyl substituted with 0-1 R^{12a},
 C₂₋₄ alkenyl substituted with 0-1 R^{12a},
 C₂₋₄ alkynyl substituted with 0-1 R^{12a},
 30 C₃₋₆ cycloalkyl substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 35 consisting of N, O, and S substituted with 0-3
 R³¹;

- R^{12a}, at each occurrence, is independently selected from
phenyl substituted with 0-5 R³³;
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
5 5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;
- R¹³, at each occurrence, is independently selected from
10 H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;
- alternatively, R¹² and R¹³ join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R¹⁴)-;
- 15 alternatively, R¹² and R¹³ when attached to N may be
combined to form a 9- or 10-membered bicyclic
heterocyclic ring system containing from 1-3
heteroatoms selected from the group consisting of N,
O, and S, wherein said bicyclic heterocyclic ring
20 system is unsaturated or partially saturated, wherein
said bicyclic heterocyclic ring system is substituted
with 0-3 R¹⁶;
- R¹⁴, at each occurrence, is independently selected from H,
25 methyl, ethyl, propyl, and butyl;
- R¹⁵, at each occurrence, is independently selected from
H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;
- 30 R¹⁶, at each occurrence, is independently selected from
H, OH, F, Cl, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H,
methyl, ethyl, methoxy, ethoxy, trifluoromethyl,
trifluoromethoxy, and =O;
- 35 R³¹, at each occurrence, is independently selected from
H, OH, halo, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, C₁₋₄ alkyl, and =O;

R^{33} , at each occurrence, is independently selected from
 H, OH, halo, CN, NO_2 , CF_3 , SO_2R^{45} , $NR^{46}R^{47}$, $-C(=O)H$,
 $=O$, phenyl, C_{1-6} alkyl, C_{2-6} alkenyl, C_{2-6} alkynyl,
 C_{3-6} cycloalkyl, C_{1-4} haloalkyl, C_{1-4} haloalkyl-oxy-,
 C_{1-4} alkyloxy-, C_{1-4} alkylthio-, C_{1-4} alkyl- $C(=O)-$,
 C_{1-4} alkyl- $C(=O)NH-$, C_{1-4} alkyl- $OC(=O)-$,
 C_{1-4} alkyl- $C(=O)O-$, C_{3-6} cycloalkyl-oxy-,
 C_{3-6} cycloalkylmethyl-oxy-;
 C_{1-6} alkyl substituted with OH, methoxy, ethoxy,
 propoxy, butoxy, $-SO_2R^{45}$, $-NR^{46}R^{47}$, $NR^{46}R^{47}C(=O)-$, or
 $(C_{1-4} \text{ alkyl})CO_2-$; and
 C_{2-6} alkenyl substituted with OH, methoxy, ethoxy,
 propoxy, butoxy, $-SO_2R^{45}$, $-NR^{46}R^{47}$, $NR^{46}R^{47}C(=O)-$, or
 $(C_{1-4} \text{ alkyl})CO_2-$;

R^{41} , at each occurrence, is independently selected from
 H, CF_3 , halo, OH, CO_2H , SO_2R^{45} , $NR^{46}R^{47}$, NO_2 , CN,
 C_{2-8} alkenyl, C_{2-8} alkynyl, C_{1-4} alkoxy, C_{1-4} haloalkyl
 C_{1-4} alkyl substituted with 0-1 R^{43} ,
 aryl substituted with 0-3 R^{42} , and
 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R^{44} ;

R^{42} , at each occurrence, is independently selected from
 H, CF_3 , halo, OH, CO_2H , SO_2R^{45} , $NR^{46}R^{47}$, NO_2 , CN,
 $CH(=NH)NH_2$, $NHC(=NH)NH_2$,
 C_{2-6} alkenyl, C_{2-6} alkynyl, C_{1-4} alkoxy, C_{1-4} haloalkyl,
 C_{3-6} cycloalkyl,
 C_{1-4} alkyl substituted with 0-1 R^{43} ,
 aryl substituted with 0-3 R^{44} , and
 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R^{44} ;

R⁴³ is C₃₋₆ cycloalkyl or aryl substituted with 0-3 R⁴⁴;

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
5 NO₂, C₁₋₄ alkyl, and C₁₋₄ alkoxy;

R⁴⁵ is C₁₋₄ alkyl;

R⁴⁶, at each occurrence, is independently selected from H
10 and C₁₋₄ alkyl;

R⁴⁷, at each occurrence, is independently selected from H
and C₁₋₄ alkyl;

15 n is 1 or 2;

m is 1 or 2; and

n plus m is 2, 3, or 4;

provided when n is 1, m is 2, and R⁷, R⁸, and R⁹ are
20 independently selected from H, halogen, C₁₋₄ alkyl, C₁₋₄
alkoxy, C₁₋₄ alkylthio or trifluoromethyl; then X is not a
bond.

4. A compound of Claim 2 wherein:

25 X is a bond, -CH₂-, -O-, -S-, -OCH₂-, or -SCH₂-;

R¹ is selected from

H,

30 C₁₋₄ alkyl,

C₂₋₄ alkenyl,

C₂₋₄ alkynyl,

C₃₋₄ cycloalkyl,

C₁₋₃ alkyl substituted with 0-1 R²,

35 C₂₋₃ alkenyl substituted with 0-1 R², and

C₂₋₃ alkynyl substituted with 0-1 R²;

R², at each occurrence, is independently selected from

C₁₋₄ alkyl,

C₂₋₄ alkenyl,

C₂₋₄ alkynyl,

5 C₃₋₆ cycloalkyl,

phenyl substituted with 0-5 R⁴²;

C₃₋₆ carbocyclic residue substituted with 0-3 R⁴¹, and

5-6 membered heterocyclic ring system containing 1, 2,

or 3 heteroatoms selected from the group

10 consisting of N, O, and S substituted with 0-3

R⁴¹;

R^{6a} is H, methyl, ethyl, propyl, or butyl;

15 R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O or

=S;

20 R⁷ and R⁹, at each occurrence, are independently selected from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂, -NR⁴⁶R⁴⁷,

C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl,

C₁₋₄ alkoxy, (C₁₋₄ haloalkyl)oxy,

25 C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³, and

5-6 membered heterocyclic ring system containing 1, 2,

30 or 3 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3

R³¹;

R⁸ is selected from

35 H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂,

C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl,

C₁₋₄ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,
 C₁₋₄ alkyl substituted with 0-2 R¹¹,
 C₂₋₄ alkenyl substituted with 0-2 R¹¹,
 C₂₋₄ alkynyl substituted with 0-1 R¹¹,
 5 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³,
 5-6 membered heterocyclic ring system containing 1, 2,
 or 3 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 10 R³¹;
 OR¹², SR¹², NR¹²R¹³, NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵,
 NR¹²S(O)₂R¹⁵, NR¹²C(O)NHR¹⁵, NR¹⁴C(O)R¹²,
 NR¹⁴C(O)OR¹², and NR¹⁴S(O)₂R¹²;

15 R¹¹ is selected from

H, halo, -CF₃, -CN, -NO₂,
 C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl,
 C₁₋₄ alkoxy, (C₁₋₄ haloalkyl)oxy,
 C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,
 20 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³, and
 5-6 membered heterocyclic ring system containing 1, 2,
 or 3 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 25 R³¹;

R¹², at each occurrence, is independently selected from

C₁₋₄ alkyl substituted with 0-1 R^{12a},
 C₂₋₄ alkenyl substituted with 0-1 R^{12a},
 30 C₂₋₄ alkynyl substituted with 0-1 R^{12a},
 C₃₋₆ cycloalkyl substituted with 0-3 R³³,
 aryl substituted with 0-5 R³³;
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
 5-10 membered heterocyclic ring system containing from
 35 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R³¹;

R^{12a}, at each occurrence, is independently selected from
phenyl substituted with 0-5 R³³;
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
5 5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

10 R¹³, at each occurrence, is independently selected from
H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

alternatively, R¹² and R¹³ join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R¹⁴)-;

15 alternatively, R¹² and R¹³ when attached to N may be
combined to form a 9- or 10-membered bicyclic
heterocyclic ring system containing from 1-3
heteroatoms selected from the group consisting of one
20 N, two N, three N, one N one O, and one N one S;
wherein said bicyclic heterocyclic ring system is
unsaturated or partially saturated, wherein said
bicyclic heterocyclic ring system is substituted with
0-2 R¹⁶;

25 R¹⁴, at each occurrence, is independently selected from H,
methyl, ethyl, propyl, and butyl;

30 R¹⁵, at each occurrence, is independently selected from H,
methyl, ethyl, propyl, and butyl;

R¹⁶, at each occurrence, is independently selected from
H, OH, F, Cl, CN, NO₂, methyl, ethyl, methoxy, ethoxy,
trifluoromethyl, and trifluoromethoxy;

35 R³¹, at each occurrence, is independently selected from
H, OH, halo, CF₃, methyl, ethyl, and propyl;

R³³, at each occurrence, is independently selected from
H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H,
phenyl, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl,
5 C₃₋₆ cycloalkyl, C₁₋₄ haloalkyl, C₁₋₄ haloalkyl-oxy-,
C₁₋₄ alkyloxy-, C₁₋₄ alkylthio-, C₁₋₄ alkyl-C(=O)-,
C₁₋₄ alkyl-C(=O)NH-, C₁₋₄ alkyl-OC(=O)-,
C₁₋₄ alkyl-C(=O)O-, C₃₋₆ cycloalkyl-oxy-,
C₃₋₆ cycloalkylmethyl-oxy-;
10 C₁₋₆ alkyl substituted with OH, methoxy, ethoxy,
propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or
(C₁₋₄ alkyl)CO₂-; and
C₂₋₆ alkenyl substituted with OH, methoxy, ethoxy,
propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or
15 (C₁₋₄ alkyl)CO₂-;

R⁴¹, at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN,
C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₃ alkoxy, C₁₋₃ haloalkyl,
20 and C₁₋₃ alkyl;

R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN,
CH(=NH)NH₂, NHC(=NH)NH₂,
25 C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₃ alkoxy, C₁₋₃ haloalkyl,
C₃₋₆ cycloalkyl, and C₁₋₃ alkyl;

R⁴³ is cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,
phenyl, or pyridyl, each substituted with 0-3 R⁴⁴;

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
NO₂, methyl, ethyl, propyl, butyl, methoxy, ethoxy,
propoxy, and butoxy;

R⁴⁵ is methyl, ethyl, propyl, or butyl;

R⁴⁶, at each occurrence, is independently selected from H, methyl, ethyl, propyl, and butyl;

R⁴⁷, at each occurrence, is independently selected from
5 from H, methyl, ethyl, propyl, and butyl;

n is 1 or 2;

m is 1 or 2; and

n plus m is 2 or 3;

10 provided when n is 1, m is 2, and R⁷, R⁸, and R⁹ are independently selected from H, halogen, C₁₋₄ alkyl, C₁₋₄ alkoxy, C₁₋₄ alkylthio or trifluoromethyl; then X is not a bond.

15 5. A compound of Claim 2 wherein:

X is a bond, -CH₂-, -O-, -S-, -OCH₂-, or -SCH₂-;

20 R¹ is selected from

H,

C₁₋₄ alkyl,

C₂₋₄ alkenyl,

25 C₂₋₄ alkynyl,

C₃₋₄ cycloalkyl,

C₁₋₃ alkyl substituted with 0-1 R²,

C₂₋₃ alkenyl substituted with 0-1 R², and

C₂₋₃ alkynyl substituted with 0-1 R²;

30 R², at each occurrence, is independently selected from

C₁₋₄ alkyl,

C₂₋₄ alkenyl,

C₂₋₄ alkynyl,

35 C₃₋₆ cycloalkyl,

phenyl substituted with 0-5 R⁴²;

C₃₋₆ carbocyclic residue substituted with 0-3 R⁴¹, and

5-6 membered heterocyclic ring system containing 1, 2,
or 3 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R⁴¹;

R^{6a} is H;

R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O;

R⁷ and R⁹, at each occurrence, are independently selected
from
H, F, Cl, -CH₃, -OCH₃, -CF₃, -OCF₃, -CN, and -NO₂,

R⁸ is selected from

H, F, Cl, Br, -CF₃, -OCF₃, -OH, -CN, -NO₂,

C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl,
C₁₋₄ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₂₋₄ alkenyl substituted with 0-2 R¹¹,

C₂₋₄ alkynyl substituted with 0-1 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-6 membered heterocyclic ring system containing 1, 2,
or 3 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

OR¹², SR¹², NR¹²R¹³, NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵,
NR¹²S(O)₂R¹⁵, NR¹²C(O)NHR¹⁵, NR¹⁴C(O)R¹²,
NR¹⁴C(O)OR¹², and NR¹⁴S(O)₂R¹²;

R¹¹ is selected from

H, halo, -CF₃, -CN, -NO₂,

C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₄ haloalkyl,
C₁₋₄ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₃₋₁₀ cycloalkyl substituted with 0-2 R³³,
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
aryl substituted with 0-5 R³³, and
5 5-6 membered heterocyclic ring system containing 1, 2,
or 3 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

R¹², at each occurrence, is independently selected from
10 C₁₋₄ alkyl substituted with 0-1 R^{12a},
C₂₋₄ alkenyl substituted with 0-1 R^{12a},
C₂₋₄ alkynyl substituted with 0-1 R^{12a},
C₃₋₆ cycloalkyl substituted with 0-3 R³³,
aryl substituted with 0-5 R³³,
15 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

R^{12a}, at each occurrence, is independently selected from
phenyl substituted with 0-5 R³³,
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
5-10 membered heterocyclic ring system containing from
25 1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

R¹³, at each occurrence, is independently selected from
30 H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

alternatively, R¹² and R¹³ join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R¹⁴)-;

35 alternatively, R¹² and R¹³ when attached to N may be
combined to form a 9- or 10-membered bicyclic
heterocyclic ring system containing from 1-3

heteroatoms selected from the group consisting of N, O, and S; wherein said bicyclic heterocyclic ring system is selected from indolyl, indolinyl, indazolyl, benzimidazolyl, benzimidazolyl, benztriazolyl, quinolinyl, tetrahydroquinolinyl, isoquinolinyl, and tetrahydroisoquinolinyl; wherein said bicyclic heterocyclic ring system is substituted with 0-1 R¹⁶;

R¹⁴, at each occurrence, is independently selected from H, methyl, ethyl, propyl, and butyl;

R¹⁵, at each occurrence, is independently selected from H, methyl, ethyl, propyl, and butyl;

R¹⁶, at each occurrence, is independently selected from H, OH, F, Cl, CN, NO₂, methyl, ethyl, methoxy, ethoxy, trifluoromethyl, and trifluoromethoxy;

R³¹, at each occurrence, is independently selected from H, OH, halo, CF₃, methyl, ethyl, and propyl;

R³³, at each occurrence, is independently selected from H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, -C(=O)H, phenyl, C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₃₋₆ cycloalkyl, C₁₋₄ haloalkyl, C₁₋₄ haloalkyl-oxy-, C₁₋₄ alkyloxy-, C₁₋₄ alkylthio-, C₁₋₄ alkyl-C(=O)-, C₁₋₄ alkyl-C(=O)NH-, C₁₋₄ alkyl-OC(=O)-, C₁₋₄ alkyl-C(=O)O-, C₃₋₆ cycloalkyl-oxy-, C₃₋₆ cycloalkylmethyl-oxy-, C₁₋₆ alkyl substituted with OH, methoxy, ethoxy, propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or (C₁₋₄ alkyl)CO₂-; and C₂₋₆ alkenyl substituted with OH, methoxy, ethoxy, propoxy, butoxy, -SO₂R⁴⁵, -NR⁴⁶R⁴⁷, NR⁴⁶R⁴⁷C(=O)-, or (C₁₋₄ alkyl)CO₂-;

R⁴¹, at each occurrence, is independently selected from

H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN,
C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₃ alkoxy, C₁₋₃ haloalkyl,
and C₁₋₃ alkyl;

- 5 R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN,
CH(=NH)NH₂, NHC(=NH)NH₂,
C₂₋₄ alkenyl, C₂₋₄ alkynyl, C₁₋₃ alkoxy, C₁₋₃ haloalkyl,
C₃₋₆ cycloalkyl, and C₁₋₃ alkyl;

10

R⁴³ is cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,
phenyl, or pyridyl, each substituted with 0-3 R⁴⁴;

15

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
NO₂, methyl, ethyl, propyl, butyl, methoxy, ethoxy,
propoxy, and butoxy;

20

R⁴⁵ is methyl, ethyl, propyl, or butyl;

R⁴⁶, at each occurrence, is independently selected from H,
methyl, ethyl, propyl, and butyl;

25

R⁴⁷, at each occurrence, is independently selected from
from H, methyl, ethyl, propyl, and butyl;

n is 1; and

m is 1.

- 30 6. A compound of Claim 2 wherein:

X is a bond, -CH₂-, -O-, -S-, -OCH₂-, or -SCH₂-;

R¹ is selected from H,

35

C₁₋₅ alkyl substituted with 0-1 R²,
C₂₋₅ alkenyl substituted with 0-1 R², and
C₂₋₃ alkynyl substituted with 0-1 R²;

R² is cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, or phenyl;

5 R^{6a} is H;

R^{6b} is H;

10 R⁷ and R⁹, at each occurrence, are independently selected from H, F, Cl, -CH₃, -OCH₃, -CF₃, -OCF₃, -CN, and -NO₂;

R⁸ is selected from R¹¹;
methyl substituted with R¹¹;
phenyl substituted with 0-3 R³³;
15 pyridyl substituted with 0-2 R³³;
OR¹², SR¹², NR¹²R¹³, NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵,
NR¹²S(O)₂R¹⁵, NR¹²C(O)NHR¹⁵, NR¹⁴C(O)R¹²,
NR¹⁴C(O)OR¹², and NR¹⁴S(O)₂R¹²;

20 R¹¹ is selected from
phenyl- substituted with 0-5 fluoro;
pyridyl substituted with 0-2 R³³;
naphthyl- substituted with 0-2 R³³;
2-(H₃CCH₂C(=O))-phenyl- substituted with R³³;
25 2-(H₃CC(=O))-phenyl- substituted with R³³;
2-(HC(=O))-phenyl- substituted with R³³;
2-(H₃CCH(OH))-phenyl- substituted with R³³;
2-(H₃CCH₂CH(OH))-phenyl- substituted with R³³;
2-(HOCH₂)-phenyl- substituted with R³³;
30 2-(HOCH₂CH₂)-phenyl- substituted with R³³;
2-(H₃COCH₂)-phenyl- substituted with R³³;
2-(H₃COCH₂CH₂)-phenyl- substituted with R³³;
2-(H₃CCH(OMe))-phenyl- substituted with R³³;
2-(H₃COC(=O))-phenyl- substituted with R³³;
35 2-(HOCH₂CH=CH)-phenyl- substituted with R³³;
2-((MeOC(=O)CH=CH)-phenyl- substituted with R³³;
2-(methyl)-phenyl- substituted with R³³;

- 2-(ethyl)-phenyl- substituted with R^{33} ;
 2-(i-propyl)-phenyl- substituted with R^{33} ;
 2-(F₃C)-phenyl- substituted with R^{33} ;
 2-(NC)-phenyl- substituted with R^{33} ;
 5 2-(H₃CO)-phenyl- substituted with R^{33} ;
 2-(fluoro)-phenyl- substituted with R^{33} ;
 2-(chloro)-phenyl- substituted with R^{33} ;
 3-(NC)-phenyl- substituted with R^{33} ;
 3-(H₃CO)-phenyl- substituted with R^{33} ;
 10 3-(fluoro)-phenyl- substituted with R^{33} ;
 3-(chloro)-phenyl- substituted with R^{33} ;
 3-(H₃C)-phenyl- substituted with R^{33} ;
 3-(F₃C)-phenyl- substituted with R^{33} ;
 3-(H₃CS)-phenyl- substituted with R^{33} ;
 15 4-(NC)-phenyl- substituted with R^{33} ;
 4-(fluoro)-phenyl- substituted with R^{33} ;
 4-(chloro)-phenyl- substituted with R^{33} ;
 4-(H₃CS)-phenyl- substituted with R^{33} ;
 4-(H₃CO)-phenyl- substituted with R^{33} ;
 20 4-(ethoxy)-phenyl- substituted with R^{33} ;
 4-(i-propoxy)-phenyl- substituted with R^{33} ;
 4-(i-butoxy)-phenyl- substituted with R^{33} ;
 4-(H₃CCH₂CH₂C(=O))-phenyl- substituted with R^{33} ;
 4-((H₃C)₂CHC(=O))-phenyl- substituted with R^{33} ;
 25 4-(H₃CCH₂C(=O))-phenyl- substituted with R^{33} ;
 4-(H₃CC(=O))-phenyl- substituted with R^{33} ;
 4-(H₃CCH₂CH₂CH(OH))-phenyl- substituted with R^{33} ;
 4-((H₃C)₂CHCH(OH))-phenyl- substituted with R^{33} ;
 4-(H₃CCH₂CH(OH))-phenyl- substituted with R^{33} ;
 30 4-(H₃CCH(OH))-phenyl- substituted with R^{33} ;
 4-(cyclopropyloxy)-phenyl- substituted with R^{33} ;
 4-(cyclobutyloxy)-phenyl- substituted with R^{33} ; and
 4-(cyclopentyloxy)-phenyl- substituted with R^{33} ;
- 35 R^{12} is selected from
 methyl substituted with R^{11} ;
 phenyl substituted with 0-5 fluoro;

pyridyl substituted with 0-2 R³³;
 naphthyl substituted with 0-2 R³³;
 2-(H₃CCH₂C(=O))-phenyl- substituted with R³³;
 2-(H₃CC(=O))-phenyl- substituted with R³³;
 5 2-(HC(=O))-phenyl- substituted with R³³;
 2-(H₃CCH(OH))-phenyl- substituted with R³³;
 2-(H₃CCH₂CH(OH))-phenyl- substituted with R³³;
 2-(HOCH₂)-phenyl- substituted with R³³;
 2-(HOCH₂CH₂)-phenyl- substituted with R³³;
 10 2-(H₃COCH₂)-phenyl- substituted with R³³;
 2-(H₃COCH₂CH₂)-phenyl- substituted with R³³;
 2-(H₃CCH(OMe))-phenyl- substituted with R³³;
 2-(H₃COC(=O))-phenyl- substituted with R³³;
 2-(HOCH₂CH=CH)-phenyl- substituted with R³³;
 15 2-((MeOC(=O)CH=CH)-phenyl- substituted with R³³;
 2-(methyl)-phenyl- substituted with R³³;
 2-(ethyl)-phenyl- substituted with R³³;
 2-(i-propyl)-phenyl- substituted with R³³;
 2-(F₃C)-phenyl- substituted with R³³;
 20 2-(NC)-phenyl- substituted with R³³;
 2-(H₃CO)-phenyl- substituted with R³³;
 2-(fluoro)-phenyl- substituted with R³³;
 2-(chloro)-phenyl- substituted with R³³;
 3-(NC)-phenyl- substituted with R³³;
 25 3-(H₃CO)-phenyl- substituted with R³³;
 3-(fluoro)-phenyl- substituted with R³³;
 3-(chloro)-phenyl- substituted with R³³;
 3-(H₃C)-phenyl- substituted with R³³;
 3-(F₃C)-phenyl- substituted with R³³;
 30 3-(H₃CS)-phenyl- substituted with R³³;
 4-(fluoro)-phenyl- substituted with R³³;
 4-(chloro)-phenyl- substituted with R³³;
 4-(H₃CS)-phenyl- substituted with R³³;
 4-(H₃CO)-phenyl- substituted with R³³;
 35 4-(ethoxy)-phenyl- substituted with R³³;
 4-(i-propoxy)-phenyl- substituted with R³³;
 4-(i-butoxy)-phenyl- substituted with R³³;

4-(H₃CCH₂CH₂C(=O))-phenyl- substituted with R³³;
 4-((H₃C)₂CHC(=O))-phenyl- substituted with R³³;
 4-(H₃CCH₂C(=O))-phenyl- substituted with R³³;
 4-(H₃CC(=O))-phenyl- substituted with R³³;
 5 4-(H₃CCH₂CH₂CH(OH))-phenyl- substituted with R³³;
 4-((H₃C)₂CHCH(OH))-phenyl- substituted with R³³;
 4-(H₃CCH₂CH(OH))-phenyl- substituted with R³³;
 4-(H₃CCH(OH))-phenyl- substituted with R³³;
 4-(cyclopropyloxy)-phenyl- substituted with R³³;
 10 4-(cyclobutyloxy)-phenyl- substituted with R³³; and
 4-(cyclopentyloxy)-phenyl- substituted with R³³;

R¹³ is H, methyl, or ethyl;

15 alternatively, R¹² and R¹³ join to form a 5- or 6-membered
 ring selected from pyrrolyl, pyrrolidinyl, imidazolyl,
 piperidinyl, piperizinyl, methylpiperizinyl, and
 morpholinyl;

20 alternatively, R¹² and R¹³ when attached to N may be
 combined to form a 9- or 10-membered bicyclic
 heterocyclic ring system containing from 1-3
 heteroatoms selected from the group consisting of N,
 O, and S; wherein said bicyclic heterocyclic ring
 25 system is selected from indolyl, indolinyl, indazolyl,
 benzimidazolyl, benzimidazolinyl, benzotriazolyl,
 quinolinyl, tetrahydroquinolinyl, isoquinolinyl, and
 tetrahydroisoquinolinyl; wherein said bicyclic
 heterocyclic ring system is substituted with 0-1 R¹⁶;

30 R¹⁵ is H, methyl, ethyl, propyl, or butyl;

R¹⁶, at each occurrence, is independently selected from
 H, OH, F, Cl, CN, NO₂, methyl, ethyl, methoxy, ethoxy,
 35 trifluoromethyl, and trifluoromethoxy;

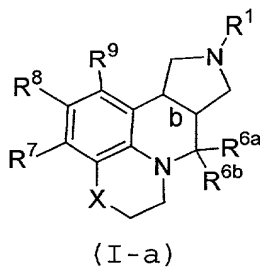
R³³, at each occurrence, is independently selected from

H, F, Cl, -CH₃, -OCH₃, -SCH₃, -CF₃, -OCF₃, -CN, and -
NO₂;

n is 1; and

5 m is 1.

7. A compound of Claim 2 of Formula (I-a)



wherein:

b is a single bond wherein the bridging hydrogens are
either cis or trans;

X is a bond, -CH₂-, -O-, -S-, -OCH₂-, or -SCH₂-;

R¹ is selected from

hydrogen, methyl, ethyl, n-propyl, n-butyl, s-butyl,
t-butyl, n-pentyl, n-hexyl, 2-propyl, 2-butyl, 2-pentyl,
2-hexyl, 2-methylpropyl, 2-methylbutyl, 2-methylpentyl,
2-ethylbutyl, 3-methylpentyl, 3-methylbutyl,
4-methylpentyl, 2-fluoroethyl, 2,2-difluoroethyl,
2,2,2-trifluoroethyl,

2-propenyl, 2-methyl-2-propenyl, trans-2-butenyl,
3-methyl-2-butenyl, 3-butenyl, trans-2-pentenyl,
cis-2-pentenyl, 4-pentenyl, 4-methyl-3-pentenyl,
3,3-dichloro-2-propenyl, trans-3-phenyl-2-propenyl,

cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,
cyclopropylmethyl, cyclobutylmethyl, cyclopentylmethyl,
cyclohexylmethyl,

benzyl, 2-methylbenzyl, 3-methylbenzyl, 4-methylbenzyl,
2,5-dimethylbenzyl, 2,4-dimethylbenzyl, 3,5-
dimethylbenzyl,

2,4,6-trimethyl-benzyl, 3-methoxy-benzyl, 3,5-dimethoxy-
benzyl, pentafluorobenzyl, 2-phenylethyl, 1-phenyl-2-
propyl, 4-phenylbutyl, 4-phenylbenzyl, 2-phenylbenzyl,

(2,3-dimethoxy-phenyl)C(=O)-, (2,5-dimethoxy-
phenyl)C(=O)-, (3,4-dimethoxy-phenyl)C(=O)-,
(3,5-dimethoxy-phenyl)C(=O)-, cyclopropyl-C(=O)-,
isopropyl-C(=O)-, ethyl-CO₂-, propyl-CO₂-, t-butyl-CO₂-,
2,6-dimethoxy-benzyl, 2,4-dimethoxy-benzyl,
2,4,6-trimethoxy-benzyl, 2,3-dimethoxy-benzyl,
2,4,5-trimethoxy-benzyl, 2,3,4-trimethoxy-benzyl,
3,4-dimethoxy-benzyl, 3,4,5-trimethoxy-benzyl,
(4-fluoro-phenyl)ethyl,

-CH=CH₂, -CH₂-CH=CH₂, -CH=CH-CH₃, -C≡CH, -C≡C-CH₃, and
-CH₂-C≡CH; and

R^{6a} is H;

R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O;

R⁷, R⁸, and R⁹, at each occurrence, are independently
selected from

hydrogen, fluoro, chloro, bromo, cyano, methyl, ethyl,
propyl, isopropyl, butyl, t-butyl, nitro,
trifluoromethyl, methoxy, ethoxy, isopropoxy,
trifluoromethoxy, phenyl;

2-Cl-phenyl; 2-F-phenyl; 2-Br-phenyl; 2-CN-phenyl;

2-Me-phenyl; 2-CF₃-phenyl; 2-MeO-phenyl; 2-CF₃O-phenyl;
2-NO₂-phenyl; 2-MeS-phenyl; 2-CHO-phenyl; 2-HOCH₂-
phenyl;

5 3-Cl-phenyl; 3-F-phenyl; 3-Br-phenyl; 3-CN-phenyl;
3-Me-phenyl; 3-Et-phenyl; 3-n-Pr-phenyl; 3-isoPr-phenyl;
3-n-Bu-phenyl; 3-CF₃-phenyl; 3-MeO-phenyl; 3-MeS-phenyl;
3-isopropoxyphenyl; 3-CF₃O-phenyl; 3-NO₂-phenyl;
3-CHO-phenyl; 3-HOCH₂-phenyl; 3-MeOCH₂-phenyl;
10 3-Me₂NCH₂-phenyl;

4-Cl-phenyl; 4-F-phenyl; 4-Br-phenyl; 4-CN-phenyl;
4-Me-phenyl; 4-Et-phenyl; 4-n-Pr-phenyl;
4-iso-Pr-phenyl; 4-n-Bu-phenyl; 4-CF₃-phenyl;
15 4-MeO-phenyl; 4-isopropoxyphenyl; 4-CF₃O-phenyl;
4-MeS-phenyl;

4-acetylphenyl; 3-acetamidophenyl; 4-pyridyl;
2-furanyl; 2-thiophenyl; 2-naphthyl; 1-pyrrolidinyl,

20 2,3-diCl-phenyl; 2,3-diF-phenyl; 2,3-diMe-phenyl;
2,3-diCF₃-phenyl; 2,3-diMeO-phenyl; 2,3-diCF₃O-phenyl;

2,4-diCl-phenyl; 2,4-diF-phenyl; 2,4-diMe-phenyl;
25 2,4-diCF₃-phenyl; 2,4-diMeO-phenyl; 2,4-diCF₃O-phenyl;

2,5-diCl-phenyl; 2,5-diF-phenyl; 2,5-diMe-phenyl;
2,5-diCF₃-phenyl; 2,5-diMeO-phenyl; 2,5-diCF₃O-phenyl;

30 2,6-diCl-phenyl; 2,6-diF-phenyl; 2,6-diMe-phenyl;
2,6-diCF₃-phenyl; 2,6-diMeO-phenyl; 2,6-diCF₃O-phenyl;

3,4-diCl-phenyl; 3,4-diF-phenyl; 3,4-diMe-phenyl;
3,4-diCF₃-phenyl; 3,4-diMeO-phenyl; 3,4-diCF₃O-phenyl;

35 2,4,6-triCl-phenyl; 2,4,6-triF-phenyl;
2,4,6-triMe-phenyl; 2,4,6-triCF₃-phenyl;

2,4,6-triMeO-phenyl; 2,4,6-triCF₃O-phenyl;
 2,4,5-triMe-phenyl; 2,3,4-triF-phenyl;
 2-Me-4-MeO-5-F-phenyl; 2,6-diCl-4-MeO-phenyl;
 2,4-diMeO-6-F-phenyl; 2,6-diF-4-Cl-phenyl;
 5 2,3,4,6-tetraF-phenyl; 2,3,4,5,6-pentaF-phenyl;

 2-Cl-4-F-phenyl; 2-Cl-6-F-phenyl; 2-Cl-3-Me-phenyl;
 2-Cl-4-MeO-phenyl; 2-Cl-4-EtO-phenyl;
 2-Cl-4-iPrO-phenyl; 2-Cl-4-CF₃-phenyl;
 10 2-Cl-4-CF₃O-phenyl; 2-Cl-4-(CHF₂)O-phenyl;
 2-F-3-Cl-phenyl; 2-F-4-MeO-phenyl; 2-F-5-Me-phenyl;

 2-Me-3-Cl-phenyl; 2-Me-3-CN-phenyl; 2-Me-4-Cl-phenyl;
 2-Me-4-F-phenyl; 2-Me-4-CN-phenyl; 2-Me-4-MeO-phenyl;
 15 2-Me-4-EtO-phenyl; 2-Me-4-MeS-phenyl;
 2-Me-4-H₂NCO-phenyl; 2-Me-4-MeOC(=O)-phenyl;
 2-Me-4-CH₃C(=O)-phenyl; 2-Me-5-F-phenyl;
 2-Et-4-MeO-phenyl; 2-MeO-5-F-phenyl;
 2-MeO-4-isopropyl-phenyl; 2-CF₃-4-Cl-phenyl;
 20 2-CF₃-4-F-phenyl; 2-CF₃-4-MeO-phenyl;
 2-CF₃-4-EtO-phenyl; 2-CF₃-4-iPrO-phenyl;
 2-CF₃-4-CN-phenyl; 2-CF₃-6-F-phenyl;
 2-CHO-4-MeO-phenyl; 2-MeOC(=O)-3-MeO-phenyl;
 2-CH₃CH(OH)-4-MeO-phenyl; 2-CH₃CH(OH)-4-F-phenyl;
 25 2-CH₃CH(OH)-4-Cl-phenyl; 2-CH₃CH(OH)-4-Me-phenyl;
 2-CH₃CH(OMe)-4-MeO-phenyl; 2-CH₃C(=O)-4-MeO-phenyl;
 2-CH₃C(=O)-4-F-phenyl; 2-CH₃C(=O)-4-Cl-phenyl;
 2-CH₃C(=O)-4-Me-phenyl; 2-H₂C(OH)-4-MeO-phenyl;
 2-H₂C(OMe)-4-MeO-phenyl; 2-H₃CCH₂CH(OH)-4-MeO-phenyl;
 30 2-H₃CCH₂C(=O)-4-MeO-phenyl; 2-CH₃CO₂CH₂CH₂-4-MeO-phenyl;
 (Z)-2-HOCH₂CH=CH-4-MeO-phenyl;
 (E)-2-HOCH₂CH=CH-4-MeO-phenyl;
 (Z)-2-CH₃CO₂CH=CH-4-MeO-phenyl;
 (E)-2-CH₃CO₂CH=CH-4-MeO-phenyl;
 35 2-CH₃OCH₂CH₂-4-MeO-phenyl;

 3-CN-4-F-phenyl; 3-H₂NCO-4-F-phenyl;

(2-Cl-phenyl)-CH=CH-; (3-Cl-phenyl)-CH=CH-;
(2,6-diF-phenyl)-CH=CH-; phenyl-CH=CH-;
(2-Me-4-MeO-phenyl)-CH=CH-;

5 cyclohexyl; cyclopentyl; cyclohexylmethyl; benzyl;
2-F-benzyl; 3-F-benzyl; 4-F-benzyl; 3-MeO-benzyl;
3-OH-benzyl; 2-MeO-benzyl; 2-OH-benzyl;
tetrahydroquinolin-1-yl;
tetrahydroindolin-1-yl;
10 tetrahydroisoindolin-1-yl;

phenyl-S-; phenyl-NH-; pyrid-3-yl-NH-;
(4-Me-pyrid-3-yl)-NH-; (4-Cl-pyrid-3-yl)-NH-;
(1-naphthyl)-NH-; (2-naphthyl)-NH-;
15 (2-Me-naphth-1-yl)-NH-; (4-Me-naphth-1-yl)-NH-;
(3-quinolinyl)-NH-;

(2-[1,1'-biphenyl])-NH-; (3-[1,1'-biphenyl])-NH-;
(4-[1,1'-biphenyl])-NH-; (2-F-phenyl)-NH-;
20 (2-Cl-phenyl)-NH-; (2-CF₃-phenyl)-NH-;
(2-CH₃-phenyl)-NH-; (2-OMe-phenyl)-NH-;
(2-CN-phenyl)-NH-; (2-OCF₃-phenyl)-NH-;
(2-SMe-phenyl)-NH-; (3-F-phenyl)-NH-;
(3-Cl-phenyl)-NH-; (3-CF₃-phenyl)-NH-;
25 (3-CH₃-phenyl)-NH-; (3-OMe-phenyl)-NH-;
(3-CN-phenyl)-NH-; (3-OCF₃-phenyl)-NH-;
(3-SMe-phenyl)-NH-; (4-F-phenyl)-NH-;
(4-Cl-phenyl)-NH-; (4-CF₃-phenyl)-NH-;
(4-CH₃-phenyl)-NH-; (4-OMe-phenyl)-NH-;
30 (4-CN-phenyl)-NH-; (4-OCF₃-phenyl)-NH-;
(4-SMe-phenyl)-NH-; (2,3-diCl-phenyl)-NH-;
(2,4-diCl-phenyl)-NH-; (2,5-diCl-phenyl)-NH-;
(2,6-diCl-phenyl)-NH-; (3,4-diCl-phenyl)-NH-;
(3,5-diCl-phenyl)-NH-; (2,3-diF-phenyl)-NH-;
35 (2,4-diF-phenyl)-NH-; (2,5-diF-phenyl)-NH-;
(2,6-diF-phenyl)-NH-; (3,4-diF-phenyl)-NH-;
(3,5-diF-phenyl)-NH-; (2,3-diCH₃-phenyl)-NH-;

(2,4-diCH₃-phenyl)-NH-; (2,5-diCH₃-phenyl)-NH-;
 (2,6-diCH₃-phenyl)-NH-; (3,4-diCH₃-phenyl)-NH-;
 (3,5-diCH₃-phenyl)-NH-; (2,3-diCF₃-phenyl)-NH-;
 (2,4-diCF₃-phenyl)-NH-; (2,5-diCF₃-phenyl)-NH-;
 5 (2,6-diCF₃-phenyl)-NH-; (3,4-diCF₃-phenyl)-NH-;
 (3,5-diCF₃-phenyl)-NH-; (2,3-diOMe-phenyl)-NH-;
 (2,4-diOMe-phenyl)-NH-; (2,5-diOMe-phenyl)-NH-;
 (2,6-diOMe-phenyl)-NH-; (3,4-diOMe-phenyl)-NH-;
 (3,5-diOMe-phenyl)-NH-; (2-F-3-Cl-phenyl)-NH-;
 10 (2-F-4-Cl-phenyl)-NH-; (2-F-5-Cl-phenyl)-NH-;
 (2-F-6-Cl-phenyl)-NH-; (2-F-3-CH₃-phenyl)-NH-;
 (2-F-4-CH₃-phenyl)-NH-; (2-F-5-CH₃-phenyl)-NH-;
 (2-F-6-CH₃-phenyl)-NH-; (2-F-3-CF₃-phenyl)-NH-;
 (2-F-4-CF₃-phenyl)-NH-; (2-F-5-CF₃-phenyl)-NH-;
 15 (2-F-6-CF₃-phenyl)-NH-; (2-F-3-OMe-phenyl)-NH-;
 (2-F-4-OMe-phenyl)-NH-; (2-F-5-OMe-phenyl)-NH-;
 (2-F-6-OMe-phenyl)-NH-; (2-Cl-3-F-phenyl)-NH-;
 (2-Cl-4-F-phenyl)-NH-; (2-Cl-5-F-phenyl)-NH-;
 (2-Cl-6-F-phenyl)-NH-; (2-Cl-3-CH₃-phenyl)-NH-;
 20 (2-Cl-4-CH₃-phenyl)-NH-; (2-Cl-5-CH₃-phenyl)-NH-;
 (2-Cl-6-CH₃-phenyl)-NH-; (2-Cl-3-CF₃-phenyl)-NH-;
 (2-Cl-4-CF₃-phenyl)-NH-; (2-Cl-5-CF₃-phenyl)-NH-;
 (2-Cl-6-CF₃-phenyl)-NH-; (2-Cl-3-OMe-phenyl)-NH-;
 (2-Cl-4-OMe-phenyl)-NH-; (2-Cl-5-OMe-phenyl)-NH-;
 25 (2-Cl-6-OMe-phenyl)-NH-; (2-CH₃-3-F-phenyl)-NH-;
 (2-CH₃-4-F-phenyl)-NH-; (2-CH₃-5-F-phenyl)-NH-;
 (2-CH₃-6-F-phenyl)-NH-; (2-CH₃-3-Cl-phenyl)-NH-;
 (2-CH₃-4-Cl-phenyl)-NH-; (2-CH₃-5-Cl-phenyl)-NH-;
 (2-CH₃-6-Cl-phenyl)-NH-; (2-CH₃-3-CF₃-phenyl)-NH-;
 30 (2-CH₃-4-CF₃-phenyl)-NH-; (2-CH₃-5-CF₃-phenyl)-NH-;
 (2-CH₃-6-CF₃-phenyl)-NH-; (2-CH₃-3-OMe-phenyl)-NH-;
 (2-CH₃-4-OMe-phenyl)-NH-; (2-CH₃-5-OMe-phenyl)-NH-;
 (2-CH₃-6-OMe-phenyl)-NH-; (2-CF₃-3-F-phenyl)-NH-;
 (2-CF₃-4-F-phenyl)-NH-; (2-CF₃-5-F-phenyl)-NH-;
 35 (2-CF₃-6-F-phenyl)-NH-; (2-CF₃-3-Cl-phenyl)-NH-;
 (2-CF₃-4-Cl-phenyl)-NH-; (2-CF₃-5-Cl-phenyl)-NH-;
 (2-CF₃-6-Cl-phenyl)-NH-; (2-CF₃-3-CH₃-phenyl)-NH-;

(2-CF₃-4-CH₃-phenyl)-NH-; (2-CH₃-5-CF₃-phenyl)-NH-;
 (2-CF₃-6-CH₃-phenyl)-NH-; (2-CF₃-3-OMe-phenyl)-NH-;
 (2-CF₃-4-OMe-phenyl)-NH-; (2-CF₃-5-OMe-phenyl)-NH-;
 (2-CF₃-6-OMe-phenyl)-NH-; (2-OMe-3-F-phenyl)-NH-;
 5 (2-OMe-4-F-phenyl)-NH-; (2-OMe-5-F-phenyl)-NH-;
 (2-OMe-6-F-phenyl)-NH-; (2-OMe-3-Cl-phenyl)-NH-;
 (2-OMe-4-Cl-phenyl)-NH-; (2-OMe-5-Cl-phenyl)-NH-;
 (2-OMe-6-Cl-phenyl)-NH-; (2-OMe-4-CN-phenyl)-NH-;
 (2-OMe-4-CHO-phenyl)-NH-; (2-OMe-3-CH₃-phenyl)-NH-;
 10 (2-OMe-4-CH₃-phenyl)-NH-; (2-OMe-5-CH₃-phenyl)-NH-;
 (2-OMe-6-CH₃-phenyl)-NH-; (2-OMe-3-CF₃-phenyl)-NH-;
 (2-OMe-4-CF₃-phenyl)-NH-; (2-OMe-5-CF₃-phenyl)-NH-;
 (2-OMe-6-CF₃-phenyl)-NH-; (2-acetyl-4-Cl-phenyl)-NH-;
 (2-acetyl-4-Me-phenyl)-NH-; (2-acetyl-4-MeO-phenyl)-NH-;
 15 (2-CH₃CH(OH)-4-Cl-phenyl)-NH-;
 (2-CH₃CH(OH)-4-Me-phenyl)-NH-;
 (2-CH₃CH(OH)-4-MeO-phenyl)-NH-;
 20 (3-CF₃-4-Cl-phenyl)-NH-; (3-F-4-CHO-phenyl)-NH-;
 (3-CH₃-4-CN-phenyl)-NH-; (3-CH₃-4-MeO-phenyl)-NH-;
 (3-CH₃-4-Cl-phenyl)-NH-; (3-CH₃-4-F-phenyl)-NH-;
 (3-F-5-CF₃-phenyl)-NH-;
 25 (3-CH₃-4-CO₂Me-phenyl)NH-; (3-CF₃-4-C(O)CH₃-phenyl)NH-;
 (3-CHO-4-OMe-phenyl)-NH-; (4-F-3-CF₃-phenyl)-NH-;
 30 (2,3,5-triCl-phenyl)-NH-; (2,4,5-triF-phenyl)-NH-;
 (2,6-diCl-3-Me-phenyl)-NH-; (3,5-diMe-4-MeO-phenyl)-NH-;
 (2-F-3-Cl-6-CF₃-phenyl)-NH-;
 35 benzyl-NH-; (3-quinolinyl)CH₂NH-; (2-F-phenyl)CH₂NH-;
 (2-Cl-phenyl)CH₂NH-; (2-CF₃-phenyl)CH₂NH-;
 (2-CH₃-phenyl)CH₂NH-; (2-OMe-phenyl)CH₂NH-;
 (2-CN-phenyl)CH₂NH-; (2-OCF₃-phenyl)CH₂NH-;
 (2-SMe-phenyl)CH₂NH-; (3-F-phenyl)CH₂NH-;
 (3-Cl-phenyl)CH₂NH-; (3-CF₃-phenyl)CH₂NH-;
 (3-CH₃-phenyl)CH₂NH-; (3-OMe-phenyl)CH₂NH-;

(3-CN-phenyl)CH₂NH-; (3-OCF₃-phenyl)CH₂NH-;
 (3-SMe-phenyl)CH₂NH-; (4-F-phenyl)CH₂NH-;
 (4-Cl-phenyl)CH₂NH-; (4-CF₃-phenyl)CH₂NH-;
 (4-CH₃-phenyl)CH₂NH-; (4-OMe-phenyl)CH₂NH-;
 5 (4-CN-phenyl)CH₂NH-; (4-OCF₃-phenyl)CH₂NH-;
 (4-SMe-phenyl)CH₂NH-; (2,3-diCl-phenyl)CH₂NH-;
 (2,4-diCl-phenyl)CH₂NH-; (2,5-diCl-phenyl)CH₂NH-;
 (2,6-diCl-phenyl)CH₂NH-; (3,4-diCl-phenyl)CH₂NH-;
 (3,5-diCl-phenyl)CH₂NH-; (2,3-diF-phenyl)CH₂NH-;
 10 (2,4-diF-phenyl)CH₂NH-; (2,5-diF-phenyl)CH₂NH-;
 (2,6-diF-phenyl)CH₂NH-; (3,4-diF-phenyl)CH₂NH-;
 (3,5-diF-phenyl)CH₂NH-; (2,3-diCH₃-phenyl)CH₂NH-;
 (2,4-diCH₃-phenyl)CH₂NH-; (2,5-diCH₃-phenyl)CH₂NH-;
 (2,6-diCH₃-phenyl)CH₂NH-; (3,4-diCH₃-phenyl)CH₂NH-;
 15 (3,5-diCH₃-phenyl)CH₂NH-; (2,3-diCF₃-phenyl)CH₂NH-;
 (2,4-diCF₃-phenyl)CH₂NH-; (2,5-diCF₃-phenyl)CH₂NH-;
 (2,6-diCF₃-phenyl)CH₂NH-; (3,4-diCF₃-phenyl)CH₂NH-;
 (3,5-diCF₃-phenyl)CH₂NH-; (2,3-diOMe-phenyl)CH₂NH-;
 (2,4-diOMe-phenyl)CH₂NH-; (2,5-diOMe-phenyl)CH₂NH-;
 20 (2,6-diOMe-phenyl)CH₂NH-; (3,4-diOMe-phenyl)CH₂NH-;
 (3,5-diOMe-phenyl)CH₂NH-; (2-F-3-Cl-phenyl)CH₂NH-;
 (2-F-4-Cl-phenyl)CH₂NH-; (2-F-5-Cl-phenyl)CH₂NH-;
 (2-F-6-Cl-phenyl)CH₂NH-; (2-F-3-CH₃-phenyl)CH₂NH-;
 (2-F-4-CH₃-phenyl)CH₂NH-; (2-F-5-CH₃-phenyl)CH₂NH-;
 25 (2-F-6-CH₃-phenyl)CH₂NH-; (2-F-3-CF₃-phenyl)CH₂NH-;
 (2-F-4-CF₃-phenyl)CH₂NH-; (2-F-5-CF₃-phenyl)CH₂NH-;
 (2-F-6-CF₃-phenyl)CH₂NH-; (2-F-3-OMe-phenyl)CH₂NH-;
 (2-F-4-OMe-phenyl)CH₂NH-; (2-F-5-OMe-phenyl)CH₂NH-;
 (2-F-6-OMe-phenyl)CH₂NH-; (2-Cl-3-F-phenyl)CH₂NH-;
 30 (2-Cl-4-F-phenyl)CH₂NH-; (2-Cl-5-F-phenyl)CH₂NH-;
 (2-Cl-6-F-phenyl)CH₂NH-; (2-Cl-3-CH₃-phenyl)CH₂NH-;
 (2-Cl-4-CH₃-phenyl)CH₂NH-; (2-Cl-5-CH₃-phenyl)CH₂NH-;
 (2-Cl-6-CH₃-phenyl)CH₂NH-; (2-Cl-3-CF₃-phenyl)CH₂NH-;
 (2-Cl-4-CF₃-phenyl)CH₂NH-; (2-Cl-5-CF₃-phenyl)CH₂NH-;
 35 (2-Cl-6-CF₃-phenyl)CH₂NH-; (2-Cl-3-OMe-phenyl)CH₂NH-;
 (2-Cl-4-OMe-phenyl)CH₂NH-; (2-Cl-5-OMe-phenyl)CH₂NH-;
 (2-Cl-6-OMe-phenyl)CH₂NH-; (2-CH₃-3-F-phenyl)CH₂NH-;

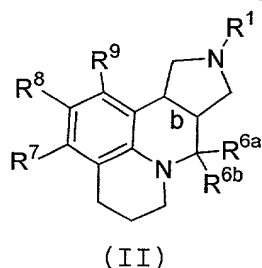
(2-CH₃-4-F-phenyl)CH₂NH-; (2-CH₃-5-F-phenyl)CH₂NH-;
 (2-CH₃-6-F-phenyl)CH₂NH-; (2-CH₃-3-Cl-phenyl)CH₂NH-;
 (2-CH₃-4-Cl-phenyl)CH₂NH-; (2-CH₃-5-Cl-phenyl)CH₂NH-;
 (2-CH₃-6-Cl-phenyl)CH₂NH-; (2-CH₃-3-CF₃-phenyl)CH₂NH-;
 5 (2-CH₃-4-CF₃-phenyl)CH₂NH-; (2-CH₃-5-CF₃-phenyl)CH₂NH-;
 (2-CH₃-6-CF₃-phenyl)CH₂NH-; (2-CH₃-3-OMe-phenyl)CH₂NH-;
 (2-CH₃-4-OMe-phenyl)CH₂NH-; (2-CH₃-5-OMe-phenyl)CH₂NH-;
 (2-CH₃-6-OMe-phenyl)CH₂NH-; (2-CF₃-3-F-phenyl)CH₂NH-;
 (2-CF₃-4-F-phenyl)CH₂NH-; (2-CF₃-5-F-phenyl)CH₂NH-;
 10 (2-CF₃-6-F-phenyl)CH₂NH-; (2-CF₃-3-Cl-phenyl)CH₂NH-;
 (2-CF₃-4-Cl-phenyl)CH₂NH-; (2-CF₃-5-Cl-phenyl)CH₂NH-;
 (2-CF₃-6-Cl-phenyl)CH₂NH-; (2-CF₃-3-CH₃-phenyl)CH₂NH-;
 (2-CF₃-4-CH₃-phenyl)CH₂NH-; (2-CH₃-5-CF₃-phenyl)CH₂NH-;
 (2-CF₃-6-CH₃-phenyl)CH₂NH-; (2-CF₃-3-OMe-phenyl)CH₂NH-;
 15 (2-CF₃-4-OMe-phenyl)CH₂NH-; (2-CF₃-5-OMe-phenyl)CH₂NH-;
 (2-CF₃-6-OMe-phenyl)CH₂NH-; (2-OMe-3-F-phenyl)CH₂NH-;
 (2-OMe-4-F-phenyl)CH₂NH-; (2-OMe-5-F-phenyl)CH₂NH-;
 (2-OMe-6-F-phenyl)CH₂NH-; (2-OMe-3-Cl-phenyl)CH₂NH-;
 (2-OMe-4-Cl-phenyl)CH₂NH-; (2-OMe-5-Cl-phenyl)CH₂NH-;
 20 (2-OMe-6-Cl-phenyl)CH₂NH-; (2-OMe-4-CN-phenyl)CH₂NH-;
 (2-OMe-4-CHO-phenyl)CH₂NH-; (2-OMe-3-CH₃-phenyl)CH₂NH-;
 (2-OMe-4-CH₃-phenyl)CH₂NH-; (2-OMe-5-CH₃-phenyl)CH₂NH-;
 (2-OMe-6-CH₃-phenyl)CH₂NH-; (2-OMe-3-CF₃-phenyl)CH₂NH-;
 (2-OMe-4-CF₃-phenyl)CH₂NH-; (2-OMe-5-CF₃-phenyl)CH₂NH-;
 25 (2-OMe-6-CF₃-phenyl)CH₂NH-; (2-acetyl-4-Cl-phenyl)CH₂NH-;
 (2-acetyl-4-Me-phenyl)CH₂NH-;
 (2-acetyl-4-MeO-phenyl)CH₂NH-;
 (2-CH₃CH(OH)-4-Cl-phenyl)CH₂NH-;
 (2-CH₃CH(OH)-4-Me-phenyl)CH₂NH-;
 30 (2-CH₃CH(OH)-4-MeO-phenyl)CH₂NH-;

 (3-CF₃-4-Cl-phenyl)CH₂NH-; (3-F-4-CHO-phenyl)CH₂NH-;
 (3-CH₃-4-CN-phenyl)CH₂NH-; (3-CH₃-4-MeO-phenyl)CH₂NH-;
 (3-CH₃-4-Cl-phenyl)CH₂NH-; (3-CH₃-4-F-phenyl)CH₂NH-;
 35 (4-F-3-CF₃-phenyl)CH₂NH-; (3-CH₃-4-CO₂Me-phenyl)CH₂NH-;
 (3-CF₃-4-C(O)CH₃-phenyl)CH₂NH-;
 (3-CHO-4-OMe-phenyl)CH₂NH-;

(2,3,5-triCl-phenyl)CH₂NH-;
 (2,4,5-triF-phenyl)CH₂NH-;
 (2,6-diCl-3-Me-phenyl)CH₂NH-;
 5 (3,5-diMe-4-MeO-phenyl)CH₂NH-; and
 (2-F-3-Cl-6-CF₃-phenyl)CH₂NH-;

provided that two of R⁷, R⁸, and R⁹, are independently
 selected from hydrogen, fluoro, chloro, bromo, cyano,
 10 methyl, ethyl, propyl, isopropyl, butyl, t-butyl, nitro,
 trifluoromethyl, methoxy, ethoxy, isopropoxy, and
 trifluoromethoxy.

8. A compound of Claim 7 of Formula (II)



wherein:

20 b is a single bond, wherein the bridge hydrogens are in a
 cis or trans position;

R¹ is selected from

hydrogen, methyl, ethyl, n-propyl, n-butyl, s-butyl,
 25 t-butyl, n-pentyl, n-hexyl, 2-propyl, 2-butyl, 2-pentyl,
 2-hexyl, 2-methylpropyl, 2-methylbutyl, 2-methylpentyl,
 2-ethylbutyl, 3-methylpentyl, 3-methylbutyl,
 4-methylpentyl, 2-fluoroethyl, 2,2-difluoroethyl,
 2,2,2-trifluoroethyl, 2-propenyl, 2-methyl-2-propenyl,
 30 trans-2-butenyl, 3-methyl-2-butenyl, 3-butenyl,
 trans-2-pentenyl, cis-2-pentenyl, 4-pentenyl,
 4-methyl-3-pentenyl, 3,3-dichloro-2-propenyl,

trans-3-phenyl-2-propenyl, cyclopropyl, cyclobutyl,
cyclopentyl, cyclohexyl, cyclopropylmethyl,
cyclobutylmethyl, cyclopentylmethyl, cyclohexylmethyl,
-CH=CH₂, -CH₂-CH=CH₂, -CH=CH-CH₃, -C≡CH, -C≡C-CH₃,
5 and -CH₂-C≡CH;

R^{6a} is H;

R^{6b} is H;

10 alternatively, R^{6a} and R^{6b} are taken together to form =O;

R⁷ and R⁹, at each occurrence, are independently selected
from hydrogen, fluoro, methyl, trifluoromethyl, and
15 methoxy;

R⁸ is selected from

hydrogen, fluoro, chloro, bromo, cyano, methyl, ethyl,
propyl, isopropyl, butyl, t-butyl, nitro,
20 trifluoromethyl, methoxy, ethoxy, isopropoxy,
trifluoromethoxy, phenyl;

2-Cl-phenyl; 2-F-phenyl; 2-Br-phenyl; 2-CN-phenyl;
2-Me-phenyl; 2-CF₃-phenyl; 2-MeO-phenyl; 2-CF₃O-phenyl;
25 2-NO₂-phenyl; 2-MeS-phenyl; 2-CHO-phenyl; 2-HOCH₂-
phenyl;

3-Cl-phenyl; 3-F-phenyl; 3-Br-phenyl; 3-CN-phenyl;
3-Me-phenyl; 3-Et-phenyl; 3-n-Pr-phenyl; 3-isoPr-phenyl;
30 3-n-Bu-phenyl; 3-CF₃-phenyl; 3-MeO-phenyl; 3-MeS-phenyl;
3-isopropoxyphenyl; 3-CF₃O-phenyl; 3-NO₂-phenyl;
3-CHO-phenyl; 3-HOCH₂-phenyl; 3-MeOCH₂-phenyl;
3-Me₂NCH₂-phenyl;

35 4-Cl-phenyl; 4-F-phenyl; 4-Br-phenyl; 4-CN-phenyl;
4-Me-phenyl; 4-Et-phenyl; 4-n-Pr-phenyl; 4-iso-Pr-
phenyl;

4-n-Bu-phenyl; 4-CF₃-phenyl; 4-MeO-phenyl;
4-isopropoxyphenyl; 4-CF₃O-phenyl; 4-MeS-phenyl;

5 4-acetylphenyl; 3-acetamidophenyl; 4-pyridyl;
2-furanyl; 2-thiophenyl; 2-naphthyl; 1-pyrrolidinyl,

2,3-diCl-phenyl; 2,3-diF-phenyl; 2,3-diMe-phenyl;
2,3-diCF₃-phenyl; 2,3-diMeO-phenyl; 2,3-diCF₃O-phenyl;

10 2,4-diCl-phenyl; 2,4-diF-phenyl; 2,4-diMe-phenyl;
2,4-diCF₃-phenyl; 2,4-diMeO-phenyl; 2,4-diCF₃O-phenyl;

2,5-diCl-phenyl; 2,5-diF-phenyl; 2,5-diMe-phenyl;
2,5-diCF₃-phenyl; 2,5-diMeO-phenyl; 2,5-diCF₃O-phenyl;

15 2,6-diCl-phenyl; 2,6-diF-phenyl; 2,6-diMe-phenyl;
2,6-diCF₃-phenyl; 2,6-diMeO-phenyl; 2,6-diCF₃O-phenyl;

20 3,4-diCl-phenyl; 3,4-diF-phenyl; 3,4-diMe-phenyl;
3,4-diCF₃-phenyl; 3,4-diMeO-phenyl; 3,4-diCF₃O-phenyl;

2,4,6-triCl-phenyl; 2,4,6-triF-phenyl;
2,4,6-triMe-phenyl; 2,4,6-triCF₃-phenyl;
2,4,6-triMeO-phenyl; 2,4,6-triCF₃O-phenyl;

25 2,4,5-triMe-phenyl; 2,3,4-triF-phenyl;
2-Me-4-MeO-5-F-phenyl; 2,6-diCl-4-MeO-phenyl;
2,4-diMeO-6-F-phenyl; 2,6-diF-4-Cl-phenyl;
2,3,4,6-tetraF-phenyl; 2,3,4,5,6-pentaF-phenyl;

30 2-Cl-4-F-phenyl; 2-Cl-6-F-phenyl; 2-Cl-3-Me-phenyl;
2-Cl-4-MeO-phenyl; 2-Cl-4-EtO-phenyl;
2-Cl-4-iPrO-phenyl; 2-Cl-4-CF₃-phenyl;
2-Cl-4-CF₃O-phenyl; 2-Cl-4-(CHF₂)O-phenyl;
2-F-3-Cl-phenyl; 2-F-4-MeO-phenyl; 2-F-5-Me-phenyl;

35 2-Me-3-Cl-phenyl; 2-Me-3-CN-phenyl; 2-Me-4-Cl-phenyl;
2-Me-4-F-phenyl; 2-Me-4-CN-phenyl; 2-Me-4-MeO-phenyl;

2-Me-4-EtO-phenyl; 2-Me-4-MeS-phenyl;
 2-Me-4-H₂NCO-phenyl; 2-Me-4-MeOC(=O)-phenyl;
 2-Me-4-CH₃C(=O)-phenyl; 2-Me-5-F-phenyl;
 2-Et-4-MeO-phenyl; 2-MeO-5-F-phenyl;
 5 2-MeO-4-isopropyl-phenyl; 2-CF₃-4-Cl-phenyl;
 2-CF₃-4-F-phenyl; 2-CF₃-4-MeO-phenyl;
 2-CF₃-4-EtO-phenyl; 2-CF₃-4-iPrO-phenyl;
 2-CF₃-4-CN-phenyl; 2-CF₃-6-F-phenyl;
 10 2-CHO-4-MeO-phenyl; 2-MeOC(=O)-3-MeO-phenyl;
 2-CH₃CH(OH)-4-MeO-phenyl; 2-CH₃CH(OH)-4-F-phenyl;
 2-CH₃CH(OH)-4-Cl-phenyl; 2-CH₃CH(OH)-4-Me-phenyl;
 2-CH₃CH(OMe)-4-MeO-phenyl; 2-CH₃C(=O)-4-MeO-phenyl;
 2-CH₃C(=O)-4-F-phenyl; 2-CH₃C(=O)-4-Cl-phenyl;
 2-CH₃C(=O)-4-Me-phenyl; 2-H₂C(OH)-4-MeO-phenyl;
 15 2-H₂C(OMe)-4-MeO-phenyl; 2-H₃CCH₂CH(OH)-4-MeO-phenyl;
 2-H₃CCH₂C(=O)-4-MeO-phenyl; 2-CH₃CO₂CH₂CH₂-4-MeO-phenyl;
 (Z)-2-HOCH₂CH=CH-4-MeO-phenyl;
 (E)-2-HOCH₂CH=CH-4-MeO-phenyl;
 (Z)-2-CH₃CO₂CH=CH-4-MeO-phenyl;
 20 (E)-2-CH₃CO₂CH=CH-4-MeO-phenyl;
 2-CH₃OCH₂CH₂-4-MeO-phenyl;
 3-CN-4-F-phenyl; 3-H₂NCO-4-F-phenyl;
 (2-Cl-phenyl)-CH=CH-; (3-Cl-phenyl)-CH=CH-;
 25 (2,6-diF-phenyl)-CH=CH-; phenyl-CH=CH-;
 (2-Me-4-MeO-phenyl)-CH=CH-;
 cyclohexyl; cyclopentyl; cyclohexylmethyl; benzyl;
 2-F-benzyl; 3-F-benzyl; 4-F-benzyl; 3-MeO-benzyl;
 30 3-OH-benzyl; 2-MeO-benzyl; 2-OH-benzyl;
 tetrahydroquinolin-1-yl;
 tetrahydroindolin-1-yl;
 tetrahydroisoindolin-1-yl;
 35 phenyl-S-; phenyl-NH-; pyrid-3-yl-NH-;
 (4-Me-pyrid-3-yl)-NH-; (4-Cl-pyrid-3-yl)-NH-;
 (1-naphthyl)-NH-; (2-naphthyl)-NH-;

(2-Me-naphth-1-yl)-NH-; (4-Me-naphth-1-yl)-NH-;
(3-quinoliny)-NH-;

- 5 (2-[1,1'-biphenyl])-NH-; (3-[1,1'-biphenyl])-NH-;
(4-[1,1'-biphenyl])-NH-; (2-F-phenyl)-NH-;
(2-Cl-phenyl)-NH-; (2-CF₃-phenyl)-NH-;
(2-CH₃-phenyl)-NH-; (2-OMe-phenyl)-NH-;
(2-CN-phenyl)-NH-; (2-OCF₃-phenyl)-NH-;
- 10 (2-SMe-phenyl)-NH-; (3-F-phenyl)-NH-;
(3-Cl-phenyl)-NH-; (3-CF₃-phenyl)-NH-;
(3-CH₃-phenyl)-NH-; (3-OMe-phenyl)-NH-;
(3-CN-phenyl)-NH-; (3-OCF₃-phenyl)-NH-;
(3-SMe-phenyl)-NH-; (4-F-phenyl)-NH-;
(4-Cl-phenyl)-NH-; (4-CF₃-phenyl)-NH-;
- 15 (4-CH₃-phenyl)-NH-; (4-OMe-phenyl)-NH-;
(4-CN-phenyl)-NH-; (4-OCF₃-phenyl)-NH-;
(4-SMe-phenyl)-NH-; (2,3-diCl-phenyl)-NH-;
(2,4-diCl-phenyl)-NH-; (2,5-diCl-phenyl)-NH-;
(2,6-diCl-phenyl)-NH-; (3,4-diCl-phenyl)-NH-;
- 20 (3,5-diCl-phenyl)-NH-; (2,3-diF-phenyl)-NH-;
(2,4-diF-phenyl)-NH-; (2,5-diF-phenyl)-NH-;
(2,6-diF-phenyl)-NH-; (3,4-diF-phenyl)-NH-;
(3,5-diF-phenyl)-NH-; (2,3-diCH₃-phenyl)-NH-;
(2,4-diCH₃-phenyl)-NH-; (2,5-diCH₃-phenyl)-NH-;
- 25 (2,6-diCH₃-phenyl)-NH-; (3,4-diCH₃-phenyl)-NH-;
(3,5-diCH₃-phenyl)-NH-; (2,3-diCF₃-phenyl)-NH-;
(2,4-diCF₃-phenyl)-NH-; (2,5-diCF₃-phenyl)-NH-;
(2,6-diCF₃-phenyl)-NH-; (3,4-diCF₃-phenyl)-NH-;
(3,5-diCF₃-phenyl)-NH-; (2,3-diOMe-phenyl)-NH-;
- 30 (2,4-diOMe-phenyl)-NH-; (2,5-diOMe-phenyl)-NH-;
(2,6-diOMe-phenyl)-NH-; (3,4-diOMe-phenyl)-NH-;
(3,5-diOMe-phenyl)-NH-; (2-F-3-Cl-phenyl)-NH-;
(2-F-4-Cl-phenyl)-NH-; (2-F-5-Cl-phenyl)-NH-;
(2-F-6-Cl-phenyl)-NH-; (2-F-3-CH₃-phenyl)-NH-;
- 35 (2-F-4-CH₃-phenyl)-NH-; (2-F-5-CH₃-phenyl)-NH-;
(2-F-6-CH₃-phenyl)-NH-; (2-F-3-CF₃-phenyl)-NH-;
(2-F-4-CF₃-phenyl)-NH-; (2-F-5-CF₃-phenyl)-NH-;

(2-CH₃CH(OH)-4-Cl-phenyl)-NH-;
(2-CH₃CH(OH)-4-Me-phenyl)-NH-;
(2-CH₃CH(OH)-4-MeO-phenyl)-NH-;

5 (3-CF₃-4-Cl-phenyl)-NH-; (3-F-4-CHO-phenyl)-NH-;
(3-CH₃-4-CN-phenyl)-NH-; (3-CH₃-4-MeO-phenyl)-NH-;
(3-CH₃-4-Cl-phenyl)-NH-; (3-CH₃-4-F-phenyl)-NH-;
(3-F-5-CF₃-phenyl)-NH-;

10 (3-CH₃-4-CO₂Me-phenyl)NH-; (3-CF₃-4-C(O)CH₃-phenyl)NH-;
(3-CHO-4-OMe-phenyl)-NH-; (4-F-3-CF₃-phenyl)-NH-;

(2,3,5-triCl-phenyl)-NH-; (2,4,5-triF-phenyl)-NH-;
(2,6-diCl-3-Me-phenyl)-NH-; (3,5-diMe-4-MeO-phenyl)-NH-;
15 (2-F-3-Cl-6-CF₃-phenyl)-NH-;

benzyl-NH-; (3-quinolinyl)CH₂NH-; (2-F-phenyl)CH₂NH-;

(2-Cl-phenyl)CH₂NH-; (2-CF₃-phenyl)CH₂NH-;
(2-CH₃-phenyl)CH₂NH-; (2-OMe-phenyl)CH₂NH-;

20 (2-CN-phenyl)CH₂NH-; (2-OCF₃-phenyl)CH₂NH-;
(2-SMe-phenyl)CH₂NH-; (3-F-phenyl)CH₂NH-;
(3-Cl-phenyl)CH₂NH-; (3-CF₃-phenyl)CH₂NH-;
(3-CH₃-phenyl)CH₂NH-; (3-OMe-phenyl)CH₂NH-;
(3-CN-phenyl)CH₂NH-; (3-OCF₃-phenyl)CH₂NH-;

25 (3-SMe-phenyl)CH₂NH-; (4-F-phenyl)CH₂NH-;
(4-Cl-phenyl)CH₂NH-; (4-CF₃-phenyl)CH₂NH-;
(4-CH₃-phenyl)CH₂NH-; (4-OMe-phenyl)CH₂NH-;
(4-CN-phenyl)CH₂NH-; (4-OCF₃-phenyl)CH₂NH-;
(4-SMe-phenyl)CH₂NH-; (2,3-diCl-phenyl)CH₂NH-;

30 (2,4-diCl-phenyl)CH₂NH-; (2,5-diCl-phenyl)CH₂NH-;
(2,6-diCl-phenyl)CH₂NH-; (3,4-diCl-phenyl)CH₂NH-;
(3,5-diCl-phenyl)CH₂NH-; (2,3-diF-phenyl)CH₂NH-;
(2,4-diF-phenyl)CH₂NH-; (2,5-diF-phenyl)CH₂NH-;
(2,6-diF-phenyl)CH₂NH-; (3,4-diF-phenyl)CH₂NH-;

35 (3,5-diF-phenyl)CH₂NH-; (2,3-diCH₃-phenyl)CH₂NH-;
(2,4-diCH₃-phenyl)CH₂NH-; (2,5-diCH₃-phenyl)CH₂NH-;
(2,6-diCH₃-phenyl)CH₂NH-; (3,4-diCH₃-phenyl)CH₂NH-;

(3,5-diCH₃-phenyl)CH₂NH-; (2,3-diCF₃-phenyl)CH₂NH-;
 (2,4-diCF₃-phenyl)CH₂NH-; (2,5-diCF₃-phenyl)CH₂NH-;
 (2,6-diCF₃-phenyl)CH₂NH-; (3,4-diCF₃-phenyl)CH₂NH-;
 (3,5-diCF₃-phenyl)CH₂NH-; (2,3-diOMe-phenyl)CH₂NH-;
 5 (2,4-diOMe-phenyl)CH₂NH-; (2,5-diOMe-phenyl)CH₂NH-;
 (2,6-diOMe-phenyl)CH₂NH-; (3,4-diOMe-phenyl)CH₂NH-;
 (3,5-diOMe-phenyl)CH₂NH-; (2-F-3-Cl-phenyl)CH₂NH-;
 (2-F-4-Cl-phenyl)CH₂NH-; (2-F-5-Cl-phenyl)CH₂NH-;
 (2-F-6-Cl-phenyl)CH₂NH-; (2-F-3-CH₃-phenyl)CH₂NH-;
 10 (2-F-4-CH₃-phenyl)CH₂NH-; (2-F-5-CH₃-phenyl)CH₂NH-;
 (2-F-6-CH₃-phenyl)CH₂NH-; (2-F-3-CF₃-phenyl)CH₂NH-;
 (2-F-4-CF₃-phenyl)CH₂NH-; (2-F-5-CF₃-phenyl)CH₂NH-;
 (2-F-6-CF₃-phenyl)CH₂NH-; (2-F-3-OMe-phenyl)CH₂NH-;
 (2-F-4-OMe-phenyl)CH₂NH-; (2-F-5-OMe-phenyl)CH₂NH-;
 15 (2-F-6-OMe-phenyl)CH₂NH-; (2-Cl-3-F-phenyl)CH₂NH-;
 (2-Cl-4-F-phenyl)CH₂NH-; (2-Cl-5-F-phenyl)CH₂NH-;
 (2-Cl-6-F-phenyl)CH₂NH-; (2-Cl-3-CH₃-phenyl)CH₂NH-;
 (2-Cl-4-CH₃-phenyl)CH₂NH-; (2-Cl-5-CH₃-phenyl)CH₂NH-;
 (2-Cl-6-CH₃-phenyl)CH₂NH-; (2-Cl-3-CF₃-phenyl)CH₂NH-;
 20 (2-Cl-4-CF₃-phenyl)CH₂NH-; (2-Cl-5-CF₃-phenyl)CH₂NH-;
 (2-Cl-6-CF₃-phenyl)CH₂NH-; (2-Cl-3-OMe-phenyl)CH₂NH-;
 (2-Cl-4-OMe-phenyl)CH₂NH-; (2-Cl-5-OMe-phenyl)CH₂NH-;
 (2-Cl-6-OMe-phenyl)CH₂NH-; (2-CH₃-3-F-phenyl)CH₂NH-;
 (2-CH₃-4-F-phenyl)CH₂NH-; (2-CH₃-5-F-phenyl)CH₂NH-;
 25 (2-CH₃-6-F-phenyl)CH₂NH-; (2-CH₃-3-Cl-phenyl)CH₂NH-;
 (2-CH₃-4-Cl-phenyl)CH₂NH-; (2-CH₃-5-Cl-phenyl)CH₂NH-;
 (2-CH₃-6-Cl-phenyl)CH₂NH-; (2-CH₃-3-CF₃-phenyl)CH₂NH-;
 (2-CH₃-4-CF₃-phenyl)CH₂NH-; (2-CH₃-5-CF₃-phenyl)CH₂NH-;
 (2-CH₃-6-CF₃-phenyl)CH₂NH-; (2-CH₃-3-OMe-phenyl)CH₂NH-;
 30 (2-CH₃-4-OMe-phenyl)CH₂NH-; (2-CH₃-5-OMe-phenyl)CH₂NH-;
 (2-CH₃-6-OMe-phenyl)CH₂NH-; (2-CF₃-3-F-phenyl)CH₂NH-;
 (2-CF₃-4-F-phenyl)CH₂NH-; (2-CF₃-5-F-phenyl)CH₂NH-;
 (2-CF₃-6-F-phenyl)CH₂NH-; (2-CF₃-3-Cl-phenyl)CH₂NH-;
 (2-CF₃-4-Cl-phenyl)CH₂NH-; (2-CF₃-5-Cl-phenyl)CH₂NH-;
 35 (2-CF₃-6-Cl-phenyl)CH₂NH-; (2-CF₃-3-CH₃-phenyl)CH₂NH-;
 (2-CF₃-4-CH₃-phenyl)CH₂NH-; (2-CH₃-5-CF₃-phenyl)CH₂NH-;
 (2-CF₃-6-CH₃-phenyl)CH₂NH-; (2-CF₃-3-OMe-phenyl)CH₂NH-;

(2-CF₃-4-OMe-phenyl)CH₂NH-; (2-CF₃-5-OMe-phenyl)CH₂NH-;
 (2-CF₃-6-OMe-phenyl)CH₂NH-; (2-OMe-3-F-phenyl)CH₂NH-;
 (2-OMe-4-F-phenyl)CH₂NH-; (2-OMe-5-F-phenyl)CH₂NH-;
 (2-OMe-6-F-phenyl)CH₂NH-; (2-OMe-3-Cl-phenyl)CH₂NH-;
 5 (2-OMe-4-Cl-phenyl)CH₂NH-; (2-OMe-5-Cl-phenyl)CH₂NH-;
 (2-OMe-6-Cl-phenyl)CH₂NH-; (2-OMe-4-CN-phenyl)CH₂NH-;
 (2-OMe-4-CHO-phenyl)CH₂NH-; (2-OMe-3-CH₃-phenyl)CH₂NH-;
 (2-OMe-4-CH₃-phenyl)CH₂NH-; (2-OMe-5-CH₃-phenyl)CH₂NH-;
 (2-OMe-6-CH₃-phenyl)CH₂NH-; (2-OMe-3-CF₃-phenyl)CH₂NH-;
 10 (2-OMe-4-CF₃-phenyl)CH₂NH-; (2-OMe-5-CF₃-phenyl)CH₂NH-;
 (2-OMe-6-CF₃-phenyl)CH₂NH-; (2-acetyl-4-Cl-phenyl)CH₂NH-;
 (2-acetyl-4-Me-phenyl)CH₂NH-;
 (2-acetyl-4-MeO-phenyl)CH₂NH-;
 (2-CH₃CH(OH)-4-Cl-phenyl)CH₂NH-;
 15 (2-CH₃CH(OH)-4-Me-phenyl)CH₂NH-;
 (2-CH₃CH(OH)-4-MeO-phenyl)CH₂NH-;

 (3-CF₃-4-Cl-phenyl)CH₂NH-; (3-F-4-CHO-phenyl)CH₂NH-;
 (3-CH₃-4-CN-phenyl)CH₂NH-; (3-CH₃-4-MeO-phenyl)CH₂NH-;
 20 (3-CH₃-4-Cl-phenyl)CH₂NH-; (3-CH₃-4-F-phenyl)CH₂NH-;
 (4-F-3-CF₃-phenyl)CH₂NH-; (3-CH₃-4-CO₂Me-phenyl)CH₂NH-;
 (3-CF₃-4-C(O)CH₃-phenyl)CH₂NH-;
 (3-CHO-4-OMe-phenyl)CH₂NH-;

 25 (2,3,5-triCl-phenyl)CH₂NH-;
 (2,4,5-triF-phenyl)CH₂NH-;
 (2,6-diCl-3-Me-phenyl)CH₂NH-;
 (3,5-diMe-4-MeO-phenyl)CH₂NH-; and
 (2-F-3-Cl-6-CF₃-phenyl)CH₂NH-.
 30

9. A compound of Claim 1, 2, 3, 4, 5, 6, or 7, wherein X is a bond.

10. A compound of Claim 1, 2, 3, 4, 5, 6, or 7, wherein X is -O- or -S-.

11. A compound of Claim 1, 2, 3, 4, 5, 6, or 7, wherein X is -OCH₂- or -SCH₂-.

5 12. A compound of Claim 1, 2, 3, 4, 5, 6, or 7, wherein X is -CH₂-.

13. A compound of Claim 1 wherein:

10 X is a bond, -CH₂-, -O-, -S-, -S(=O)-, -S(=O)₂-, -NR¹⁰-, -CH₂CH₂-, -OCH₂-, -SCH₂-, -CH₂O-, -CH₂S-, or -CH₂NR¹⁰-;

R¹ is selected from

15 C₁₋₆ alkyl substituted with Z,
C₂₋₆ alkenyl substituted with Z,
C₂₋₆ alkynyl substituted with Z,
C₃₋₆ cycloalkyl substituted with Z,
aryl substituted with Z,
20 5-6 membered heterocyclic ring system containing at least one heteroatom selected from the group consisting of N, O, and S, said heterocyclic ring system substituted with Z;
C₁₋₆ alkyl substituted with 0-2 R²,
C₂₋₆ alkenyl substituted with 0-2 R²,
25 C₂₋₆ alkynyl substituted with 0-2 R²,
aryl substituted with 0-2 R², and
5-6 membered heterocyclic ring system containing at least one heteroatom selected from the group consisting of N, O, and S, said heterocyclic ring system substituted with 0-2 R²;
30

Z is selected from H,

35 -CH(OH)R²,
-C(ethylenedioxy)R²,
-OR²,
-SR²,
-NR²R³,

$-C(O)R^2$,
 $-C(O)NR^2R^3$,
 $-NR^3C(O)R^2$,
 $-C(O)OR^2$,
5 $-OC(O)R^2$,
 $-CH(=NR^4)NR^2R^3$,
 $-NHC(=NR^4)NR^2R^3$,
 $-S(O)R^2$,
 $-S(O)_2R^2$,
10 $-S(O)_2NR^2R^3$, and $-NR^3S(O)_2R^2$;

R^2 , at each occurrence, is independently selected from
 C_{1-4} alkyl,
 C_{2-4} alkenyl,
15 C_{2-4} alkynyl,
 C_{3-6} cycloalkyl,
aryl substituted with 0-5 R^{42} ;
 C_{3-10} carbocyclic residue substituted with 0-3 R^{41} , and
5-10 membered heterocyclic ring system containing from
20 1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
 R^{41} ;

R^3 , at each occurrence, is independently selected from
25 H, C_{1-4} alkyl, C_{2-4} alkenyl, C_{2-4} alkynyl, and
 C_{1-4} alkoxy;

alternatively, R^2 and R^3 join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R^4)-;

30 R^4 , at each occurrence, is independently selected from H,
methyl, ethyl, propyl, and butyl;

R^{6a} is H or C_{1-4} alkyl;

35 R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O or =S;

R⁷, R⁸, and R⁹, at each occurrence, are independently

selected from

H, halo, -CF₃, -OCF₃, -OH, -CN, -NO₂, -NR⁴⁶R⁴⁷,

C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,

C₁₋₈ alkoxy, (C₁₋₄ haloalkyl)oxy,

C₁₋₄ alkyl substituted with 0-2 R¹¹,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3

R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,

NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,

CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹²,

S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹²,

NR¹²C(O)R¹⁵, NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and

NR¹²C(O)NHR¹⁵;

R¹⁰ is selected from H, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄

alkynyl, and C₁₋₄ alkoxy;

R¹¹ is selected from

H, halo, -CF₃, -CN, -NO₂,

C₁₋₈ alkyl, C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ haloalkyl,

C₁₋₈ alkoxy, C₃₋₁₀ cycloalkyl,

C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,

aryl substituted with 0-5 R³³,

5-10 membered heterocyclic ring system containing from

1-4 heteroatoms selected from the group

consisting of N, O, and S substituted with 0-3

R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
 NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², OC(O)OR¹²,
 CH(=NR¹⁴)NR¹²R¹³, NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹²,
 S(O)₂R¹², S(O)NR¹²R¹³, S(O)₂NR¹²R¹³, NR¹⁴S(O)R¹²,
 and NR¹⁴S(O)₂R¹²;

R¹², at each occurrence, is independently selected from
 C₁₋₄ alkyl,
 C₂₋₄ alkenyl,
 C₂₋₄ alkynyl,
 C₃₋₆ cycloalkyl,
 phenyl substituted with 0-5 R³³;
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 consisting of N, O, and S substituted with 0-3
 R³¹;

R¹³, at each occurrence, is independently selected from
 H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

alternatively, R¹² and R¹³ join to form a 5- or 6-membered
 ring optionally substituted with -O- or -N(R¹⁴)-;

R¹⁴, at each occurrence, is independently selected from H
 and C₁₋₄ alkyl;

R³¹, at each occurrence, is independently selected from
 H, OH, halo, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷, methyl, ethyl, and
 propyl;

R³³, at each occurrence, is independently selected from
 H, OH, halo, CN, NO₂, CF₃, SO₂R⁴⁵, NR⁴⁶R⁴⁷,
 C₁₋₃ alkyl, C₂₋₃ alkenyl, C₂₋₃ alkynyl, C₃₋₅ cycloalkyl,
 C₁₋₃ haloalkyl, C₁₋₃ haloalkyl-oxy-, C₁₋₃
 alkyloxy-, C₁₋₃ alkylthio-, C₁₋₃ alkyl-C(=O)-, and
 C₁₋₃ alkyl-C(=O)NH-;

R⁴¹, at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN, =O,
C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl
C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴², and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R⁴⁴;

R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, SR⁴⁵, NR⁴⁶R⁴⁷, OR⁴⁸,
NO₂, CN, CH(=NH)NH₂, NHC(=NH)NH₂,
C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
C₃₋₆ cycloalkyl,
C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴⁴, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R⁴⁴;

R⁴³ is C₃₋₆ cycloalkyl or aryl substituted with 0-3 R⁴⁴;

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
NO₂, C₁₋₄ alkyl, and C₁₋₄ alkoxy;

R⁴⁵ is C₁₋₄ alkyl;

R⁴⁶, at each occurrence, is independently selected from H
and C₁₋₄ alkyl;

R⁴⁷, at each occurrence, is independently selected from H,
C₁₋₄ alkyl, -C(=O)NH(C₁₋₄ alkyl), -SO₂(C₁₋₄ alkyl),

-SO₂(phenyl), -C(=O)O(C₁₋₄ alkyl), -C(=O)(C₁₋₄ alkyl),
and -C(=O)H;

5 R⁴⁸, at each occurrence, is independently selected from H,
C₁₋₄ alkyl, -C(=O)NH(C₁₋₄ alkyl), -C(=O)O(C₁₋₄ alkyl),
-C(=O)(C₁₋₄ alkyl), and -C(=O)H;

n is 1 or 2;

m is 1 or 2; and

10 n plus m is 2, 3, or 4;

15 provided when n is 1, m is 2, and R⁷, R⁸, and R⁹ are
independently selected from H, halogen, C₁₋₄ alkyl, C₁₋₄
alkoxy, C₁₋₄ alkylthio or trifluoromethyl; then X is not a
bond.

14. A compound of Claim 12 wherein:

20 X is -CH₂-, -O-, -S-, -CH₂CH₂-, -OCH₂-, -SCH₂-, -CH₂O-,
or -CH₂S-;

R¹ is selected from

25 C₂₋₅ alkyl substituted with Z,
C₂₋₅ alkenyl substituted with Z,
C₂₋₅ alkynyl substituted with Z,
C₃₋₆ cycloalkyl substituted with Z,
aryl substituted with Z,
5-6 membered heterocyclic ring system containing at
30 least one heteroatom selected from the group
consisting of N, O, and S, said heterocyclic ring
system substituted with Z;
C₁₋₅ alkyl substituted with 0-2 R²,
C₂₋₅ alkenyl substituted with 0-2 R², and
C₂₋₅ alkynyl substituted with 0-2 R²;

35 Z is selected from H,
-CH(OH)R²,

-C(ethylenedioxy)R²,
 -OR²,
 -SR²,
 -NR²R³,
 5 -C(O)R²,
 -C(O)NR²R³,
 -NR³C(O)R²,
 -C(O)OR²,
 -OC(O)R²,
 10 -CH(=NR⁴)NR²R³,
 -NHC(=NR⁴)NR²R³,
 -S(O)R²,
 -S(O)₂R²,
 -S(O)₂NR²R³, and -NR³S(O)₂R²;

15 R², at each occurrence, is independently selected from
 C₁₋₄ alkyl,
 C₂₋₄ alkenyl,
 C₂₋₄ alkynyl,
 20 C₃₋₆ cycloalkyl,
 aryl substituted with 0-5 R⁴²,
 C₃₋₁₀ carbocyclic residue substituted with 0-3 R⁴¹, and
 5-10 membered heterocyclic ring system containing from
 1-4 heteroatoms selected from the group
 25 consisting of N, O, and S substituted with 0-3
 R⁴¹;

R³, at each occurrence, is independently selected from
 H, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, and
 30 C₁₋₄ alkoxy;

alternatively, R² and R³ join to form a 5- or 6-membered
 ring optionally substituted with -O- or -N(R⁴)-;

35 R⁴, at each occurrence, is independently selected from H,
 methyl, ethyl, propyl, and butyl;

R^{6a} is H or C₁₋₄ alkyl;

R^{6b} is H;

5 alternatively, R^{6a} and R^{6b} are taken together to form =O or =S;

R⁷, R⁸, and R⁹, at each occurrence, are independently selected from

10 H, halo, -CF₃, -OCF₃, -OH, -OCH₃, -CN, -NO₂, -NR⁴⁶R⁴⁷,
C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ haloalkyl,
C₁₋₆ alkoxy, (C₁₋₄ haloalkyl)oxy,
C₁₋₄ alkyl substituted with 0-2 R¹¹,
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
15 aryl substituted with 0-5 R³³,
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R³¹;

20 OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², CH(=NR¹⁴)NR¹²R¹³,
NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹², S(O)₂NR¹²R¹³,
NR¹⁴S(O)₂R¹², NR¹⁴S(O)R¹², NR¹⁴S(O)₂R¹², NR¹²C(O)R¹⁵,
25 NR¹²C(O)OR¹⁵, NR¹²S(O)₂R¹⁵, and NR¹²C(O)NHR¹⁵;

R¹¹ is selected from

30 H, halo, -CF₃, -OCF₃, -OH, -OCH₃, -CN, -NO₂, -NR⁴⁶R⁴⁷,
C₁₋₆ alkyl, C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ haloalkyl,
C₁₋₆ alkoxy, (C₁₋₄ haloalkyl)oxy,
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³,
aryl substituted with 0-5 R³³,
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
35 consisting of N, O, and S substituted with 0-3
R³¹;

OR¹², SR¹², NR¹²R¹³, C(O)H, C(O)R¹², C(O)NR¹²R¹³,
NR¹⁴C(O)R¹², C(O)OR¹², OC(O)R¹², CH(=NR¹⁴)NR¹²R¹³,
NHC(=NR¹⁴)NR¹²R¹³, S(O)R¹², S(O)₂R¹², S(O)₂NR¹²R¹³,
and NR¹⁴S(O)₂R¹²;

5

R¹², at each occurrence, is independently selected from
C₁₋₄ alkyl,
C₂₋₄ alkenyl,
C₂₋₄ alkynyl,
10 C₃₋₆ cycloalkyl,
phenyl substituted with 0-5 R³³,
C₃₋₁₀ carbocyclic residue substituted with 0-3 R³³, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
15 consisting of N, O, and S substituted with 0-3
R³¹;

R¹³, at each occurrence, is independently selected from
H, C₁₋₄ alkyl, C₂₋₄ alkenyl, and C₂₋₄ alkynyl;

20

alternatively, R¹² and R¹³ join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R¹⁴)-;

R¹⁴, at each occurrence, is independently selected from H
25 and C₁₋₄ alkyl;

R³¹, at each occurrence, is independently selected from
H, OH, halo, CF₃, methyl, and ethyl;

30 R³³, at each occurrence, is independently selected from
H, OH, halo, CN, NO₂, CF₃, methyl, and ethyl;

R⁴¹, at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN, =O,
35 C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴², and

5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
R⁴⁴;

5

R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, SR⁴⁵, NR⁴⁶R⁴⁷, OR⁴⁸,
NO₂, CN, CH(=NH)NH₂, NHC(=NH)NH₂,
C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
10 C₃₋₆ cycloalkyl,
C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴⁴, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
15 consisting of N, O, and S substituted with 0-3
R⁴⁴;

R⁴³ is C₃₋₆ cycloalkyl or aryl substituted with 0-3 R⁴⁴;

20 R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
NO₂, C₁₋₄ alkyl, and C₁₋₄ alkoxy;

R⁴⁵ is C₁₋₄ alkyl;

25

R⁴⁶, at each occurrence, is independently selected from H
and C₁₋₃ alkyl;

30

R⁴⁷, at each occurrence, is independently selected from H,
C₁₋₄ alkyl, -C(=O)NH(C₁₋₄ alkyl), -SO₂(C₁₋₄ alkyl),
-SO₂(phenyl), -C(=O)O(C₁₋₄ alkyl), -C(=O)(C₁₋₄ alkyl),
and -C(=O)H;

35

R⁴⁸, at each occurrence, is independently selected from H,
C₁₋₄ alkyl, -C(=O)NH(C₁₋₄ alkyl), -C(=O)O(C₁₋₄ alkyl),
-C(=O)(C₁₋₄ alkyl), and -C(=O)H;

n is 1 or 2;
m is 1 or 2; and
n plus m is 2, 3, or 4.

5 15. A compound of Claim 13 wherein:

X is -CH₂-, -O- or -S-;

R¹ is selected from

- 10 C₂₋₄ alkyl substituted with Z,
C₂₋₄ alkenyl substituted with Z,
C₂₋₄ alkynyl substituted with Z,
C₃₋₆ cycloalkyl substituted with Z,
aryl substituted with Z,
15 5-6 membered heterocyclic ring system containing at
least one heteroatom selected from the group
consisting of N, O, and S, said heterocyclic ring
system substituted with Z;
C₂₋₄ alkyl substituted with 0-2 R², and
20 C₂₋₄ alkenyl substituted with 0-2 R²;

Z is selected from H,

- CH(OH)R²,
-C(ethylenedioxy)R²,
25 -OR²,
-SR²,
-NR²R³,
-C(O)R²,
-C(O)NR²R³,
30 -NR³C(O)R²,
-C(O)OR²,
-S(O)R²,
-S(O)₂R²,
-S(O)₂NR²R³, and -NR³S(O)₂R²;

35

R², at each occurrence, is independently selected from
phenyl substituted with 0-5 R⁴²;

C₃₋₁₀ carbocyclic residue substituted with 0-3 R⁴¹, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
5 R⁴¹;

R³, at each occurrence, is independently selected from
H, C₁₋₄ alkyl, C₂₋₄ alkenyl, C₂₋₄ alkynyl, and
C₁₋₄ alkoxy;

10 alternatively, R² and R³ join to form a 5- or 6-membered
ring optionally substituted with -O- or -N(R⁴)-;

R⁴, at each occurrence, is independently selected from H,
15 methyl, ethyl, propyl, and butyl;

R^{6a} is H or C₁₋₄ alkyl;

R^{6b} is H;

20 alternatively, R^{6a} and R^{6b} are taken together to form =O or
=S;

R⁷, R⁸, and R⁹, at each occurrence, are independently
25 selected from
H, halo, -CF₃, -OCF₃, -OH, -OCH₃, -CN, -NO₂,
C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, (C₁₋₃
haloalkyl)oxy, and
C₁₋₄ alkyl substituted with 0-2 R¹¹;

30 R¹¹ is selected from
H, halo, -CF₃, -OCF₃, -OH, -OCH₃, -CN, -NO₂,
C₁₋₄ alkyl, C₁₋₄ haloalkyl, C₁₋₄ alkoxy, and (C₁₋₃
haloalkyl)oxy;

35 R³³, at each occurrence, is independently selected from
H, OH, halo, CF₃, and methyl;

R⁴¹, at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, NR⁴⁶R⁴⁷, NO₂, CN, =O,
C₂₋₈ alkenyl, C₂₋₈ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
5 C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴², and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
consisting of N, O, and S substituted with 0-3
10 R⁴⁴;

R⁴², at each occurrence, is independently selected from
H, CF₃, halo, OH, CO₂H, SO₂R⁴⁵, SR⁴⁵, NR⁴⁶R⁴⁷, OR⁴⁸,
NO₂, CN, CH(=NH)NH₂, NHC(=NH)NH₂,
15 C₂₋₆ alkenyl, C₂₋₆ alkynyl, C₁₋₄ alkoxy, C₁₋₄ haloalkyl,
C₃₋₆ cycloalkyl,
C₁₋₄ alkyl substituted with 0-1 R⁴³,
aryl substituted with 0-3 R⁴⁴, and
5-10 membered heterocyclic ring system containing from
1-4 heteroatoms selected from the group
20 consisting of N, O, and S substituted with 0-3
R⁴⁴;

R⁴³ is cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,
25 phenyl, or pyridyl, each substituted with 0-3 R⁴⁴;

R⁴⁴, at each occurrence, is independently selected from H,
halo, -OH, NR⁴⁶R⁴⁷, CO₂H, SO₂R⁴⁵, -CF₃, -OCF₃, -CN, -
NO₂, methyl, ethyl, propyl, butyl, methoxy, ethoxy,
30 propoxy, and butoxy;

R⁴⁵ is methyl, ethyl, propyl, or butyl;

R⁴⁶, at each occurrence, is independently selected from H,
35 methyl, ethyl, propyl, and butyl;

R⁴⁷, at each occurrence, is independently selected from

H, methyl, ethyl, n-propyl, i-propyl, n-butyl,
i-butyl, -C(=O)NH(methyl), -C(=O)NH(ethyl),
-SO₂(methyl), -SO₂(ethyl), -SO₂(phenyl),
-C(=O)O(methyl), -C(=O)O(ethyl), -C(=O)(methyl),
-C(=O)(ethyl), and -C(=O)H;

R⁴⁸, at each occurrence, is independently selected from
H, methyl, ethyl, n-propyl, i-propyl, -
C(=O)NH(methyl), -C(=O)NH(ethyl), -C(=O)O(methyl), -
C(=O)O(ethyl), -C(=O)(methyl), -C(=O)(ethyl), and -
C(=O)H;

n is 1 or 2;

m is 1 or 2; and

n plus m is 2 or 3.

16. A compound of Claim 13 wherein:

X is -CH₂-, -O- or -S-;

R¹ is selected from

ethyl substituted with Z,
propyl substituted with Z,
butyl substituted with Z,
propenyl substituted with Z,
butenyl substituted with Z,
ethyl substituted with R²,
propyl substituted with R²,
butyl substituted with R²,
propenyl substituted with R², and
butenyl substituted with R²;

Z is selected from H,

-CH(OH)R²,

-OR²,

-SR²,

-NR²R³,

$-C(O)R^2$,
 $-C(O)NR^2R^3$,
 $-NR^3C(O)R^2$,
 $-C(O)OR^2$,
5 $-S(O)R^2$,
 $-S(O)_2R^2$,
 $-S(O)_2NR^2R^3$, and $-NR^3S(O)_2R^2$;

R^2 , at each occurrence, is independently selected from

10 phenyl substituted with 0-3 R^{42} ;
naphthyl substituted with 0-3 R^{42} ;
cyclopropyl substituted with 0-3 R^{41} ;
cyclobutyl substituted with 0-3 R^{41} ;
cyclopentyl substituted with 0-3 R^{41} ;
15 cyclohexyl substituted with 0-3 R^{41} ;
pyridyl substituted with 0-3 R^{41} ;
indolyl substituted with 0-3 R^{41} ;
indolinyl substituted with 0-3 R^{41} ;
benzimidazolyl substituted with 0-3 R^{41} ;
20 benzotriazolyl substituted with 0-3 R^{41} ;
benzothienyl substituted with 0-3 R^{41} ;
benzofuranyl substituted with 0-3 R^{41} ;
phthalimid-1-yl substituted with 0-3 R^{41} ;
inden-2-yl substituted with 0-3 R^{41} ;
25 2,3-dihydro-1H-inden-2-yl substituted with 0-3 R^{41} ;
indazolyl substituted with 0-3 R^{41} ;
tetrahydroquinolinyl substituted with 0-3 R^{41} ; and
tetrahydro-isoquinolinyl substituted with 0-3 R^{41} ;

30 R^3 , at each occurrence, is independently selected from
H, methyl, and ethyl;

R^{6a} is H or C_{1-4} alkyl;

35 R^{6b} is H;

alternatively, R^{6a} and R^{6b} are taken together to form =O or =S;

R⁷, R⁸, and R⁹, at each occurrence, are independently selected from H, F, Cl, methyl, ethyl, methoxy, -CF₃, and -OCF₃;

R⁴¹, at each occurrence, is independently selected from H, F, Cl, Br, OH, CF₃, NO₂, CN, =O, methyl, ethyl, propyl, butyl, methoxy, and ethoxy;

R⁴², at each occurrence, is independently selected from H, F, Cl, Br, OH, CF₃, SO₂R⁴⁵, SR⁴⁵, NR⁴⁶R⁴⁷, OR⁴⁸, NO₂, CN, =O, methyl, ethyl, propyl, butyl, methoxy, and ethoxy;

R⁴⁵ is methyl, ethyl, propyl, or butyl;

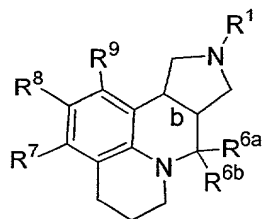
R⁴⁶, at each occurrence, is independently selected from H, methyl, ethyl, propyl, and butyl;

R⁴⁷, at each occurrence, is independently selected from H, methyl, ethyl, n-propyl, i-propyl, n-butyl, i-butyl, -C(=O)NH(methyl), -C(=O)NH(ethyl), -SO₂(methyl), -SO₂(ethyl), -SO₂(phenyl), -C(=O)O(methyl), -C(=O)O(ethyl), -C(=O)(methyl), -C(=O)(ethyl), and -C(=O)H;

R⁴⁸, at each occurrence, is independently selected from H, methyl, ethyl, n-propyl, i-propyl, -C(=O)NH(methyl), -C(=O)NH(ethyl), -C(=O)O(methyl), -C(=O)O(ethyl), -C(=O)(methyl), -C(=O)(ethyl), and -C(=O)H;

n is 1; and
m is 1.

17. A compound of Claim 13 of Formula (II)



(II)

wherein:

5

b is a single bond wherein the bridging hydrogens are either cis or trans;

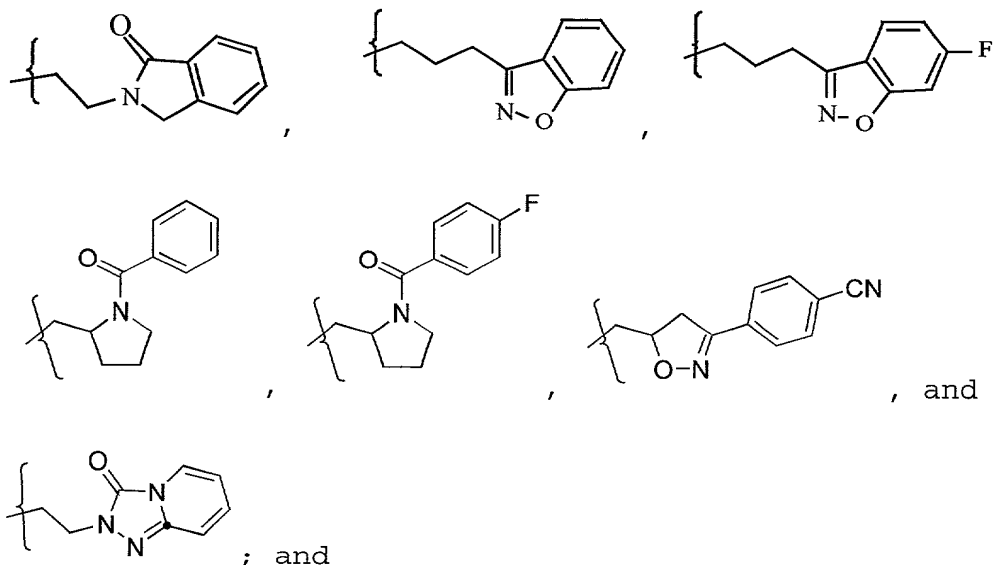
R¹ is selected from

- 10 - (CH₂)₃C(=O) (4-fluoro-phenyl) ,
 - (CH₂)₃C(=O) (4-bromo-phenyl) ,
 - (CH₂)₃C(=O) (4-methyl-phenyl) ,
 - (CH₂)₃C(=O) (4-methoxy-phenyl) ,
 - (CH₂)₃C(=O) (4- (3,4-dichloro-phenyl) phenyl) ,
15 - (CH₂)₃C(=O) (3-methyl-4-fluoro-phenyl) ,
 - (CH₂)₃C(=O) (2,3-dimethoxy-phenyl) ,
 - (CH₂)₃C(=O) (phenyl) ,
 - (CH₂)₃C(=O) (4-chloro-phenyl) ,
 - (CH₂)₃C(=O) (3-methyl-phenyl) ,
20 - (CH₂)₃C(=O) (4-t-butyl-phenyl) ,
 - (CH₂)₃C(=O) (3,4-difluoro-phenyl) ,
 - (CH₂)₃C(=O) (2-methoxy-5-fluoro-phenyl) ,
 - (CH₂)₃C(=O) (4-fluoro-1-naphthyl) ,
 - (CH₂)₃C(=O) (benzyl) ,
25 - (CH₂)₃C(=O) (4-pyridyl) ,
 - (CH₂)₃C(=O) (3-pyridyl) ,
 - (CH₂)₃CH(OH) (4-fluoro-phenyl) ,
 - (CH₂)₃CH(OH) (4-pyridyl) ,
 - (CH₂)₃CH(OH) (2,3-dimethoxy-phenyl) ,
30 - (CH₂)₃S(3-fluoro-phenyl) ,
 - (CH₂)₃S(4-fluoro-phenyl) ,
 - (CH₂)₃S(=O) (4-fluoro-phenyl) ,
 - (CH₂)₃SO₂ (3-fluoro-phenyl) ,
 - (CH₂)₃SO₂ (4-fluoro-phenyl) ,

- (CH₂)₃O(4-fluoro-phenyl),
- (CH₂)₃O(phenyl),
- (CH₂)₃O(3-pyridyl),
- (CH₂)₃O(4-pyridyl),
- 5 - (CH₂)₃O(2-NH₂-phenyl),
- (CH₂)₃O(2-NH₂-5-F-phenyl),
- (CH₂)₃O(2-NH₂-4-F-phenyl),
- (CH₂)₃O(2-NH₂-3-F-phenyl),
- (CH₂)₃O(2-NH₂-4-Cl-phenyl),
- 10 - (CH₂)₃O(2-NH₂-4-OH-phenyl),
- (CH₂)₃O(2-NH₂-4-Br-phenyl),
- (CH₂)₃O(2-NHC(=O)Me-4-F-phenyl),
- (CH₂)₃O(2-NHC(=O)Me-phenyl),
- (CH₂)₃NH(4-fluoro-phenyl),
- 15 - (CH₂)₃N(methyl)(4-fluoro-phenyl),
- (CH₂)₃CO₂(ethyl),
- (CH₂)₃C(=O)N(methyl)(methoxy),
- (CH₂)₃C(=O)NH(4-fluoro-phenyl),
- (CH₂)₂NHC(=O)(phenyl),
- 20 - (CH₂)₂NMeC(=O)(phenyl),
- (CH₂)₂NHC(=O)(2-fluoro-phenyl),
- (CH₂)₂NMeC(=O)(2-fluoro-phenyl),
- (CH₂)₂NHC(=O)(4-fluoro-phenyl),
- (CH₂)₂NMeC(=O)(4-fluoro-phenyl),
- 25 - (CH₂)₂NHC(=O)(2,4-difluoro-phenyl),
- (CH₂)₂NMeC(=O)(2,4-difluoro-phenyl),
- (CH₂)₃(3-indolyl),
- (CH₂)₃(1-methyl-3-indolyl),
- (CH₂)₃(1-indolyl),
- 30 - (CH₂)₃(1-indolinyl),
- (CH₂)₃(1-benzimidazolyl),
- (CH₂)₃(1H-1,2,3-benzotriazol-1-yl),
- (CH₂)₃(1H-1,2,3-benzotriazol-2-yl),
- (CH₂)₂(1H-1,2,3-benzotriazol-1-yl),
- 35 - (CH₂)₂(1H-1,2,3-benzotriazol-2-yl),
- (CH₂)₃(3,4 dihydro-1(2H)-quinolinyl),
- (CH₂)₂C(=O)(4-fluoro-phenyl),

- (CH₂)₂C(=O)NH(4-fluoro-phenyl),
- CH₂CH₂(3-indolyl),
- CH₂CH₂(1-phthalimidyl),
- (CH₂)₄C(=O)N(methyl)(methoxy),
- 5 - (CH₂)₄CO₂(ethyl),
- (CH₂)₄C(=O)(phenyl),
- (CH₂)₄(cyclohexyl),
- (CH₂)₃CH(phenyl)₂,
- CH₂CH₂CH=C(phenyl)₂,
- 10 -CH₂CH₂CH=CMe(4-F-phenyl),
- (CH₂)₃CH(4-fluoro-phenyl)₂,
- CH₂CH₂CH=C(4-fluoro-phenyl)₂,
- (CH₂)₂(2,3-dihydro-1H-inden-2-yl),
- (CH₂)₃C(=O)(2-NH₂-phenyl),
- 15 - (CH₂)₃C(=O)(2-NH₂-5-F-phenyl),
- (CH₂)₃C(=O)(2-NH₂-4-F-phenyl),
- (CH₂)₃C(=O)(2-NH₂-3-F-phenyl),
- (CH₂)₃C(=O)(2-NH₂-4-Cl-phenyl),
- (CH₂)₃C(=O)(2-NH₂-4-OH-phenyl),
- 20 - (CH₂)₃C(=O)(2-NH₂-4-Br-phenyl),
- (CH₂)₃(1H-indazol-3-yl),
- (CH₂)₃(5-F-1H-indazol-3-yl),
- (CH₂)₃(7-F-1H-indazol-3-yl),
- (CH₂)₃(6-Cl-1H-indazol-3-yl),
- 25 - (CH₂)₃(6-Br-1H-indazol-3-yl),
- (CH₂)₃C(=O)(2-NHMe-phenyl),
- (CH₂)₃(1-benzothien-3-yl),
- (CH₂)₃(6-F-1H-indol-1-yl),
- (CH₂)₃(5-F-1H-indol-1-yl),
- 30 - (CH₂)₃(6-F-2,3-dihydro-1H-indol-1-yl),
- (CH₂)₃(5-F-2,3-dihydro-1H-indol-1-yl),
- (CH₂)₃(6-F-1H-indol-3-yl),
- (CH₂)₃(5-F-1H-indol-3-yl),
- (CH₂)₃(5-F-1H-indol-3-yl),
- 35 - (CH₂)₃(9H-purin-9-yl),
- (CH₂)₃(7H-purin-7-yl),
- (CH₂)₃(6-F-1H-indazol-3-yl),

- (CH₂)₃C(=O) (2-NHSO₂Me-4-F-phenyl) ,
- (CH₂)₃C(=O) (2-NHC(=O)Me-4-F-phenyl) ,
- (CH₂)₃C(=O) (2-NHC(=O)Me-phenyl) ,
- (CH₂)₃C(=O) (2-NHCO₂Et-4-F-phenyl) ,
- 5 - (CH₂)₃C(=O) (2-NHC(=O)NH₂-4-F-phenyl) ,
- (CH₂)₃C(=O) (2-NHCHO-4-F-phenyl) ,
- (CH₂)₃C(=O) (2-OH-4-F-phenyl) ,
- (CH₂)₃C(=O) (2-MeS-4-F-phenyl) ,
- (CH₂)₃C(=O) (2-NHSO₂Me-4-F-phenyl) ,
- 10 - (CH₂)₂C(Me)CO₂Me ,
- (CH₂)₂C(Me)CH(OH)(4-F-phenyl)₂ ,
- (CH₂)₂C(Me)CH(OH)(4-Cl-phenyl)₂ ,
- (CH₂)₂C(Me)C(=O)(4-F-phenyl) ,
- (CH₂)₂C(Me)C(=O)(2-MeO-4-F-phenyl) ,
- 15 - (CH₂)₂C(Me)C(=O)(3-Me-4-F-phenyl) ,
- (CH₂)₂C(Me)C(=O)(2-Me-phenyl) ,
- (CH₂)₂C(Me)C(=O)phenyl ,



- 25 R⁷, R⁸, and R⁹, at each occurrence, are independently selected from
- hydrogen, fluoro, chloro, bromo, cyano, methyl, ethyl, propyl, isopropyl, butyl, t-butyl, nitro, trifluoromethyl, methoxy, ethoxy, isopropoxy, trifluoromethoxy, phenyl, benzyl,
- 30

HC(=O)-, methylC(=O)-, ethylC(=O)-, propylC(=O)-,
isopropylC(=O)-, n-butylC(=O)-, isobutylC(=O)-,
secbutylC(=O)-, tertbutylC(=O)-, phenylC(=O)-,

5

methylC(=O)NH-, ethylC(=O)NH -, propylC(=O)NH-,
isopropylC(=O)NH-, n-butylC(=O)NH-, isobutylC(=O)NH-,
secbutylC(=O)NH-, tertbutylC(=O)NH-, phenylC(=O)NH-,

10

methylamino-, ethylamino-, propylamino-, isopropylamino-
, n-butylamino-, isobutylamino-, secbutylamino-,
tertbutylamino-, phenylamino-,

15

provided that two of substituents R⁷, R⁸, and R⁹, are
independently selected from hydrogen, fluoro, chloro,
bromo, cyano, methyl, ethyl, propyl, isopropyl, butyl,
t-butyl, nitro, trifluoromethyl, methoxy, ethoxy,
isopropoxy, and trifluoromethoxy.

20

18. A compound selected from the group consisting of
compounds disclosed in Table 1.

19. A compound selected from the group consisting of
compounds disclosed in Table 2.

25

20. A compound selected from the group consisting of
compounds disclosed in Table 3.

30

21. A pharmaceutical composition comprising a
pharmaceutically acceptable carrier and a therapeutically
effective amount of a compound of Claim 1, or a
pharmaceutically acceptable salt thereof.

35

22. A method for treating a human suffering from a
disorder associated with 5HT_{2C} receptor modulation
comprising administering to a patient in need thereof a

therapeutically effective amount of a compound of Claim 1,
or a pharmaceutically acceptable salt thereof.

23. A method of Claim 22 for treating a human suffering
5 from a disorder associated with 5HT2C receptor modulation
wherein the compound is a 5HT2C agonist.

24. A method for treating a human suffering from a
disorder associated with 5HT2A receptor modulation
10 comprising administering to a patient in need thereof a
therapeutically effective amount of a compound of Claim 1,
or a pharmaceutically acceptable salt thereof.

25. A method of Claim 24 for treating a human suffering
15 from a disorder associated with 5HT2A receptor modulation
wherein the compound is a 5HT2A antagonist.

26. A method for treating obesity comprising administering
to a patient in need thereof a therapeutically effective
20 amount of a compound of Claim 1, or a pharmaceutically
acceptable salt thereof.

27. A method for treating schizophrenia comprising
administering to a patient in need thereof a
25 therapeutically effective amount of a compound of Claim 1,
or a pharmaceutically acceptable salt thereof.

28. A method for treating depression comprising
administering to a patient in need thereof a
30 therapeutically effective amount of a compound of Claim 1,
or a pharmaceutically acceptable salt thereof.